

1
00:00:06,530 --> 00:00:13,210
welcome to the skeptic zone the podcast

2
00:00:09,500 --> 00:00:16,809
from Australia for science and reason

3
00:00:13,210 --> 00:00:19,289
urea hosts Richard Saunders and Stefan

4
00:00:16,809 --> 00:00:19,289
Soyka

5
00:00:20,390 --> 00:00:25,219
can I reach it it's good to see you

6
00:00:22,579 --> 00:00:27,528
again welcome to the zone hey Stefan of

7
00:00:25,219 --> 00:00:29,929
course I'm always love to be back in the

8
00:00:27,528 --> 00:00:32,179
zone back in the zone I'm still sort of

9
00:00:29,929 --> 00:00:34,159
almost sort of over my jet lag it was a

10
00:00:32,179 --> 00:00:35,689
bit bumpy but uh oh yeah I'll you've

11
00:00:34,159 --> 00:00:37,488
just come back from Perth haven't ya

12
00:00:35,689 --> 00:00:39,799
well actually I'm just about to go to

13
00:00:37,488 --> 00:00:41,479
Perth ah it's that right I know I all

14
00:00:39,799 --> 00:00:43,578
these time zones are driving me crazy we

15
00:00:41,479 --> 00:00:45,140
hear a bit more about that later all the

16
00:00:43,579 --> 00:00:47,119
rain she and I are often see I've just

17
00:00:45,140 --> 00:00:48,558
been so swept up in the hype about you

18
00:00:47,119 --> 00:00:50,469
going to Perth that I thought that you'd

19
00:00:48,558 --> 00:00:52,789
already been that's how excited I am

20
00:00:50,469 --> 00:00:54,140
well by the time we do the next show in

21
00:00:52,789 --> 00:00:56,210
a couple of weeks I'll you would have

22
00:00:54,140 --> 00:00:58,670
been and if you're listening to the

23
00:00:56,210 --> 00:01:00,620
listen to this show right now on your

24
00:00:58,670 --> 00:01:02,570
podcast in a couple of weeks time you

25
00:01:00,619 --> 00:01:04,489
would have also been even though you

26
00:01:02,570 --> 00:01:05,719
haven't quite been yet my own been yet

27
00:01:04,489 --> 00:01:07,789
but if you're listening to this in a few

28
00:01:05,719 --> 00:01:09,228
weeks it's all over yeah that's fine and

29

00:01:07,789 --> 00:01:11,149
it was great wasn't it it was fantastic

30
00:01:09,228 --> 00:01:12,950
fabulous thanks for all the people who

31
00:01:11,149 --> 00:01:14,750
came to see me at Perth and operate you

32
00:01:12,950 --> 00:01:19,368
more about that later than is actually

33
00:01:14,750 --> 00:01:22,039
skeptic zone show number 41 44 the 31st

34
00:01:19,368 --> 00:01:24,228
the joy yep the shows in its 40s oh my

35
00:01:22,039 --> 00:01:25,909
goodness that's pretty good going there

36
00:01:24,228 --> 00:01:28,159
it's a probably almost as long as

37
00:01:25,909 --> 00:01:31,280
seinfeld wind isn't it Oh getting close

38
00:01:28,159 --> 00:01:33,320
easily what's good to have you along and

39
00:01:31,280 --> 00:01:35,780
what are we got in in store today it's

40
00:01:33,319 --> 00:01:37,789
bit of a kind of a routine show but with

41
00:01:35,780 --> 00:01:39,799
a lot of excitement oh yeah yeah well

42
00:01:37,790 --> 00:01:42,170
back to the good old format we've got an

43
00:01:39,799 --> 00:01:44,710

interview with joe nickell now Joe is a

44
00:01:42,170 --> 00:01:48,710
famed legendary psychic and paranormal

45
00:01:44,709 --> 00:01:50,449
investigator oh isn't it funny he was

46
00:01:48,709 --> 00:01:52,819
that I'd say the dinner party and you

47
00:01:50,450 --> 00:01:54,710
introduced it as a famous psychic and

48
00:01:52,819 --> 00:01:56,298
paranormal and then someone butted in

49
00:01:54,709 --> 00:01:59,569
and offered him some hors d'oeuvres they

50
00:01:56,299 --> 00:02:01,040
get the wrong impression it would but

51
00:01:59,569 --> 00:02:04,548
Joe would sort them out pretty quick

52
00:02:01,040 --> 00:02:06,170
over he would yes yes sir he's he's been

53
00:02:04,549 --> 00:02:07,610
around for quite a while hasn't he yeah

54
00:02:06,170 --> 00:02:09,979
something like 30 years or something

55
00:02:07,609 --> 00:02:11,840
without investigating monsters and

56
00:02:09,979 --> 00:02:13,910
ghosts and oddities and give us the

57
00:02:11,840 --> 00:02:15,229
stories to tell oh he does he does so

58
00:02:13,909 --> 00:02:17,750
we'll catch up with him in a moment in

59
00:02:15,229 --> 00:02:19,699
here we've got a book review at Kylie

60
00:02:17,750 --> 00:02:22,009
Sturgis and over there in Perth does a

61
00:02:19,699 --> 00:02:23,349
book review about the Monty Hall problem

62
00:02:22,009 --> 00:02:25,539
do you know about

63
00:02:23,349 --> 00:02:27,519
I i must admit as arrow died and

64
00:02:25,539 --> 00:02:29,620
well-read as I am I haven't heard of

65
00:02:27,520 --> 00:02:31,450
that one this is where you're on a game

66
00:02:29,620 --> 00:02:33,939
show and there are three doors yep

67
00:02:31,449 --> 00:02:35,859
there's a car behind one door and goats

68
00:02:33,939 --> 00:02:38,530
behind the other two doors right it's

69
00:02:35,860 --> 00:02:39,910
rylan it's a hungry you are which one

70
00:02:38,530 --> 00:02:42,430
you want to be that's right and the host

71
00:02:39,909 --> 00:02:44,979
says you choose a door they say I have

72
00:02:42,430 --> 00:02:46,900
door number one yep no says well I'm not

73
00:02:44,979 --> 00:02:48,729
going to open door number one but i will

74
00:02:46,900 --> 00:02:50,950
open door number three in the opens door

75
00:02:48,729 --> 00:02:54,250
three and there's a goat all rights and

76
00:02:50,949 --> 00:02:57,030
then he says now i'll let you either go

77
00:02:54,250 --> 00:02:59,379
with your original choice or change huh

78
00:02:57,030 --> 00:03:00,640
what I can I would think that there

79
00:02:59,379 --> 00:03:02,740
wouldn't make any difference but it

80
00:03:00,639 --> 00:03:04,449
turns out but changing your mind and

81
00:03:02,740 --> 00:03:07,090
going with the other door increases your

82
00:03:04,449 --> 00:03:10,149
chances of winning is that right well

83
00:03:07,090 --> 00:03:12,640
that's the big argument as your argument

84
00:03:10,150 --> 00:03:14,379
oh I guess it depends on the other

85
00:03:12,639 --> 00:03:16,029
policy of the game show that's not where

86

00:03:14,379 --> 00:03:17,859
they like people to win or lose and how

87
00:03:16,030 --> 00:03:19,990
convincing their the host is but that's

88
00:03:17,860 --> 00:03:21,490
fascinating yeah now that's followed by

89
00:03:19,990 --> 00:03:23,890
a grain of salt with the runs together

90
00:03:21,490 --> 00:03:26,469
looking at jr. jr. jr. skeptics

91
00:03:23,889 --> 00:03:29,259
skeptical kids I skeptical here's a good

92
00:03:26,469 --> 00:03:30,939
to see dr. reaches back with dr. ray

93
00:03:29,259 --> 00:03:33,310
cheer reports looking some of the more

94
00:03:30,939 --> 00:03:35,770
zany and wacky goings honor the

95
00:03:33,310 --> 00:03:37,330
anti-vaccination great oh yes and can we

96
00:03:35,770 --> 00:03:39,939
just add we did a bit of a survey

97
00:03:37,330 --> 00:03:42,490
recently and then and Aaron and dr. H

98
00:03:39,939 --> 00:03:44,050
came out rather favorably they did this

99
00:03:42,490 --> 00:03:45,760
a little online survey a lot of people

100
00:03:44,050 --> 00:03:47,320

like those two segments very much I know

101

00:03:45,759 --> 00:03:49,149

we were very disappointed where we

102

00:03:47,319 --> 00:03:52,449

Richard we were but they did like your

103

00:03:49,150 --> 00:03:54,520

music oh that's nice now will we

104

00:03:52,449 --> 00:03:55,899

actually feel some very good feedback

105

00:03:54,520 --> 00:03:58,450

from the show so we're really handy

106

00:03:55,900 --> 00:04:00,159

young and and enthused to keep going we

107

00:03:58,449 --> 00:04:01,780

will let's just because of the positive

108

00:04:00,159 --> 00:04:03,699

feedback will keep going let's get into

109

00:04:01,780 --> 00:04:05,469

it to RIT well before we do that oh my

110

00:04:03,699 --> 00:04:08,019

gosh oh of course we've got the think

111

00:04:05,469 --> 00:04:09,550

tank oh yes of course we do now hold on

112

00:04:08,020 --> 00:04:13,650

to your horses let's get into it let's

113

00:04:09,550 --> 00:04:13,650

get into it okay we're into the zone now

114

00:04:26,290 --> 00:04:32,060

Joe Nickell is a prominent skeptical

115
00:04:29,389 --> 00:04:34,490
investigator of the paranormal he also

116
00:04:32,060 --> 00:04:37,040
works as an historical document

117
00:04:34,490 --> 00:04:39,680
consultant and has helped expose such

118
00:04:37,040 --> 00:04:42,760
famous forgeries as the Jack the Ripper

119
00:04:39,680 --> 00:04:45,530
Diaries and the ad off Hitler Diaries

120
00:04:42,759 --> 00:04:47,959
Joe is a senior research fellow at the

121
00:04:45,529 --> 00:04:50,569
Center for inquiry formerly the

122
00:04:47,959 --> 00:04:53,239
committee for scientific investigations

123
00:04:50,569 --> 00:04:55,009
of claims of the paranormal and writes

124
00:04:53,240 --> 00:04:58,069
regularly for their journal The

125
00:04:55,009 --> 00:05:00,349
Skeptical Inquirer he has also worked

126
00:04:58,069 --> 00:05:03,680
professionally as a private investigator

127
00:05:00,350 --> 00:05:12,710
journalist University instructor and is

128
00:05:03,680 --> 00:05:14,720
the author of many books and we're still

129
00:05:12,709 --> 00:05:16,729
here the amazing meeting 10-7 in Las

130
00:05:14,720 --> 00:05:18,920
Vegas and I'm catching up with the

131
00:05:16,730 --> 00:05:21,470
paranormal investigator John Nichol hi

132
00:05:18,920 --> 00:05:23,509
Joe how are you I'm not bad jet legs

133
00:05:21,470 --> 00:05:27,050
caught up with me a little bit oh I know

134
00:05:23,509 --> 00:05:29,029
it's a story of my life you would know

135
00:05:27,050 --> 00:05:31,280
now you've gone to amazing places around

136
00:05:29,029 --> 00:05:33,289
the world to do your investigations of

137
00:05:31,279 --> 00:05:38,329
claims of the paranormal including yes

138
00:05:33,290 --> 00:05:40,939
Australia yes great great time in two

139
00:05:38,329 --> 00:05:42,949
thousand in Australia and traveled

140
00:05:40,939 --> 00:05:46,370
around trying to eat one of each of your

141
00:05:42,949 --> 00:05:49,189
animals and investigating such mysteries

142
00:05:46,370 --> 00:05:51,800
as the mahogany ship and spiritualism

143

00:05:49,189 --> 00:05:54,170
and the fabled Yali and other mysteries

144
00:05:51,800 --> 00:05:57,500
and had just the best time and hoped to

145
00:05:54,170 --> 00:06:02,569
be invited back but I've also been to

146
00:05:57,500 --> 00:06:08,029
South America to Brazil and and to

147
00:06:02,569 --> 00:06:10,189
Argentina to to Peru so I I've travelled

148
00:06:08,029 --> 00:06:15,679
quite extensively and throughout North

149
00:06:10,189 --> 00:06:18,800
America Europe part of Asia North Africa

150
00:06:15,680 --> 00:06:22,639
now I was at your talk yesterday which

151
00:06:18,800 --> 00:06:24,770
was very well received about what you do

152
00:06:22,639 --> 00:06:26,719
in your philosophy in your approach and

153
00:06:24,769 --> 00:06:28,849
you had some very good advice for

154
00:06:26,720 --> 00:06:30,260
especially the younger skeptic starting

155
00:06:28,850 --> 00:06:30,650
out there and the less experienced month

156
00:06:30,259 --> 00:06:32,959
we

157
00:06:30,649 --> 00:06:35,539

because you as you and I both know a lot

158

00:06:32,959 --> 00:06:38,060

of people out there call themselves

159

00:06:35,540 --> 00:06:40,939

skeptics but they're simply naysayers

160

00:06:38,060 --> 00:06:44,149

which is does our side of the equation

161

00:06:40,939 --> 00:06:46,939

no end of damage doesn't yes it does if

162

00:06:44,149 --> 00:06:49,549

we're going to fault the so-called true

163

00:06:46,939 --> 00:06:52,279

believers for beginning with the answer

164

00:06:49,550 --> 00:06:55,340

and working backward to the evidence to

165

00:06:52,279 --> 00:06:57,829

be equally critical of skeptics doing

166

00:06:55,339 --> 00:07:01,849

the same thing we must not start with

167

00:06:57,829 --> 00:07:04,430

the answer that we like or believe and

168

00:07:01,850 --> 00:07:09,139

then look for for the evidence we need

169

00:07:04,430 --> 00:07:12,079

to first be looking for good evidence in

170

00:07:09,139 --> 00:07:14,449

a case and then letting that evidence

171

00:07:12,079 --> 00:07:16,099

lead us to an answer and then and then

172
00:07:14,449 --> 00:07:19,460
believe that whether whether we like it

173
00:07:16,100 --> 00:07:23,570
or not yeah and I mean the the skeptic

174
00:07:19,459 --> 00:07:26,629
who dismisses ghosts or monsters is

175
00:07:23,569 --> 00:07:29,029
probably more likely to be correct than

176
00:07:26,629 --> 00:07:32,829
the true believer who readily embraces

177
00:07:29,029 --> 00:07:37,489
them but it's it's really a dishonest

178
00:07:32,829 --> 00:07:41,079
habit of mind to dismiss something in

179
00:07:37,490 --> 00:07:43,699
advance of inquiring into it and even if

180
00:07:41,079 --> 00:07:45,109
you say well but how many haunted houses

181
00:07:43,699 --> 00:07:47,110
do you have to go into before you

182
00:07:45,110 --> 00:07:49,340
realize there aren't any ghosts there

183
00:07:47,110 --> 00:07:51,560
well I would phrase the question a

184
00:07:49,339 --> 00:07:53,629
little differently I would say well if

185
00:07:51,560 --> 00:07:57,800
the question is are there ghosts or

186
00:07:53,629 --> 00:07:59,750
aren't that might be a reasonable

187
00:07:57,800 --> 00:08:01,189
attitude but I don't think that's the

188
00:07:59,750 --> 00:08:02,959
question and people look at me like

189
00:08:01,189 --> 00:08:04,879
you've lost your mind of course that's

190
00:08:02,959 --> 00:08:08,120
the issue there go sir there or not as

191
00:08:04,879 --> 00:08:10,339
you know for me the issue is do people

192
00:08:08,120 --> 00:08:13,699
in huge numbers believe they're ghosts

193
00:08:10,339 --> 00:08:16,879
well yes they do yeah well then if if

194
00:08:13,699 --> 00:08:20,240
that's the case it behooves us to pay

195
00:08:16,879 --> 00:08:23,538
attention to that issue and if they have

196
00:08:20,240 --> 00:08:25,879
some mystery that concerns them we

197
00:08:23,538 --> 00:08:28,819
should try to explain it not just

198
00:08:25,879 --> 00:08:31,848
dismiss it otherwise why are we

199
00:08:28,819 --> 00:08:34,330
bothering at all yeah so I'm I'm

200

00:08:31,848 --> 00:08:37,309
inclined to think that

201
00:08:34,330 --> 00:08:39,889
the squeaking wheel gets the grease if

202
00:08:37,309 --> 00:08:43,250
if there's a haunted house a Bigfoot

203
00:08:39,889 --> 00:08:47,090
report flying saucer and that's getting

204
00:08:43,250 --> 00:08:49,330
a lot of attention then I say okay let's

205
00:08:47,090 --> 00:08:52,610
lets us give it some attention yeah

206
00:08:49,330 --> 00:08:54,950
let's not just hoot at it or dismiss it

207
00:08:52,610 --> 00:08:56,600
or make fun of people know if there's a

208
00:08:54,950 --> 00:08:58,820
question if it's an easy question to

209
00:08:56,600 --> 00:09:01,310
solve well by all means let us read in

210
00:08:58,820 --> 00:09:03,560
and solve it if even we're not sure

211
00:09:01,309 --> 00:09:05,209
what's going on if it's rather puzzling

212
00:09:03,559 --> 00:09:07,639
and we've not seen something quite like

213
00:09:05,210 --> 00:09:09,170
it yes maybe we don't think it's a

214
00:09:07,639 --> 00:09:11,870

miracle or we don't think it's a ghost

215

00:09:09,169 --> 00:09:14,659

but let's just set that aside let's just

216

00:09:11,870 --> 00:09:17,450

set that aside the issue is what is it

217

00:09:14,659 --> 00:09:20,299

that's causing that phenomenon why don't

218

00:09:17,450 --> 00:09:23,000

we and once we explain it I'm confident

219

00:09:20,299 --> 00:09:25,819

that if we can actually explain the

220

00:09:23,000 --> 00:09:28,340

mystery any needed debunking will take

221

00:09:25,820 --> 00:09:30,110

care of itself yes sort of automatically

222

00:09:28,340 --> 00:09:33,980

more or less yeah yeah so you don't have

223

00:09:30,110 --> 00:09:36,230

to sit out to debunk and also a lot of

224

00:09:33,980 --> 00:09:38,480

people um I've certainly encountered

225

00:09:36,230 --> 00:09:41,149

this when you come along to investigate

226

00:09:38,480 --> 00:09:43,129

or whatever a lot of people have their

227

00:09:41,149 --> 00:09:45,319

minds made up about you before you set

228

00:09:43,129 --> 00:09:48,320

your foot in the door that this man this

229
00:09:45,320 --> 00:09:50,960
mr. skeptic has come here to to Devon to

230
00:09:48,320 --> 00:09:53,150
debug yeah to say I don't care what you

231
00:09:50,960 --> 00:09:55,670
say I know this isn't real I'm going to

232
00:09:53,149 --> 00:09:57,769
prove it to you that's not really no I'm

233
00:09:55,669 --> 00:09:59,719
happy to say that in your case and I try

234
00:09:57,769 --> 00:10:02,090
in my case that's that's not true we

235
00:09:59,720 --> 00:10:04,210
really do go in with well let's see

236
00:10:02,090 --> 00:10:06,560
what's happening here but I'm sure that

237
00:10:04,210 --> 00:10:08,629
it's hard to get that through to people

238
00:10:06,559 --> 00:10:10,459
have you found them yeah absolutely is

239
00:10:08,629 --> 00:10:15,860
very it's very difficult people have

240
00:10:10,460 --> 00:10:18,440
have their sense of of things and it's

241
00:10:15,860 --> 00:10:22,129
very hard to to convince them otherwise

242
00:10:18,440 --> 00:10:26,210
but I think when we skeptics are at our

243
00:10:22,129 --> 00:10:28,700
best and we do listen and we look for

244
00:10:26,210 --> 00:10:31,400
for the best evidence and we let that

245
00:10:28,700 --> 00:10:34,640
evidence lead us to an answer on that we

246
00:10:31,399 --> 00:10:36,889
when we can we respect people that's not

247
00:10:34,639 --> 00:10:39,199
to say that the the fraud artist the

248
00:10:36,889 --> 00:10:41,720
phony I won't kick in the teeth I don't

249
00:10:39,200 --> 00:10:44,870
know what I thought but you don't like

250
00:10:41,720 --> 00:10:45,699
using the word fraud especially no I in

251
00:10:44,870 --> 00:10:48,100
a specific

252
00:10:45,698 --> 00:10:49,118
case I mean we know that fraud exists

253
00:10:48,100 --> 00:10:51,909
and we know there's fraud in the

254
00:10:49,119 --> 00:10:53,528
paranormal in a specific case we have to

255
00:10:51,909 --> 00:10:55,838
be careful about using word fraud

256
00:10:53,528 --> 00:10:58,749
because historically you know there were

257

00:10:55,839 --> 00:11:01,720
cases where a skeptic would accuse a

258
00:10:58,749 --> 00:11:04,959
fortune teller of being a fraud well

259
00:11:01,720 --> 00:11:06,759
what he meant was maybe I don't think

260
00:11:04,958 --> 00:11:09,219
she can really tell fortunes and so

261
00:11:06,759 --> 00:11:12,100
she's not genuine yeah but that's not

262
00:11:09,220 --> 00:11:17,470
what fraud means in law it means

263
00:11:12,100 --> 00:11:21,278
deliberately and knowingly being

264
00:11:17,470 --> 00:11:24,970
deceptive for the purpose of money and a

265
00:11:21,278 --> 00:11:26,918
lot of fortune tellers may be sincere

266
00:11:24,970 --> 00:11:30,160
believers that they have special powers

267
00:11:26,918 --> 00:11:33,759
that's my take I the angle i take is the

268
00:11:30,159 --> 00:11:35,889
most of them i've encountered to my best

269
00:11:33,759 --> 00:11:39,668
judging ability austin seeing our

270
00:11:35,889 --> 00:11:42,568
sincere they can i joke sometimes i'll

271
00:11:39,668 --> 00:11:48,480

say there there are two types of

272

00:11:42,568 --> 00:11:51,698

psychics those who have no psychic power

273

00:11:48,480 --> 00:11:54,399

but who believe they do and call them

274

00:11:51,698 --> 00:11:56,618

fantasize errs the other type also has

275

00:11:54,399 --> 00:11:58,989

no psychic power they know they don't

276

00:11:56,619 --> 00:12:02,079

and we call them you know charlatans

277

00:11:58,989 --> 00:12:06,579

yeah but knowing which is which is is

278

00:12:02,078 --> 00:12:09,938

not so glib not so easy to say I'm not a

279

00:12:06,578 --> 00:12:11,258

human lie detector and so whenever I can

280

00:12:09,938 --> 00:12:13,748

and give people the benefit of the doubt

281

00:12:11,259 --> 00:12:17,678

it's much more useful for us when we can

282

00:12:13,749 --> 00:12:20,558

show rather than trying to show it's in

283

00:12:17,678 --> 00:12:22,749

that person's mind we say look I can

284

00:12:20,558 --> 00:12:25,208

show you they they are not psychic are

285

00:12:22,749 --> 00:12:27,069

they they're not seeing the future and

286
00:12:25,208 --> 00:12:30,038
that's why I sometimes as you know I

287
00:12:27,068 --> 00:12:35,668
wear disguises or I create false

288
00:12:30,038 --> 00:12:42,578
personas and I go and if the person is

289
00:12:35,668 --> 00:12:44,678
unable to penetrate my falsehood that I

290
00:12:42,578 --> 00:12:48,068
can see they're not very psychic yeah

291
00:12:44,678 --> 00:12:50,858
they should be saying oh I'm getting bad

292
00:12:48,068 --> 00:12:52,399
vibes here I'm seeing I'm seeing the

293
00:12:50,859 --> 00:12:55,280
name Nikolai me

294
00:12:52,399 --> 00:12:58,009
you know so forth but in fact when they

295
00:12:55,279 --> 00:13:00,620
when they buy my persona and start

296
00:12:58,009 --> 00:13:02,960
giving the readings that would apply to

297
00:13:00,620 --> 00:13:05,870
the false persona and not the real me I

298
00:13:02,960 --> 00:13:08,570
know that they're not they're not really

299
00:13:05,870 --> 00:13:11,840
psychic no I I may not know that they're

300
00:13:08,570 --> 00:13:13,900
deliberately trying to hoodwink me but

301
00:13:11,840 --> 00:13:16,639
does it really matter the main thing is

302
00:13:13,899 --> 00:13:20,059
as to show that they're not successful

303
00:13:16,639 --> 00:13:22,490
and i will say that I've spent much of

304
00:13:20,059 --> 00:13:26,629
my life going to fortune tellers yeah

305
00:13:22,490 --> 00:13:31,039
from the 60s 22 today is certainly 40

306
00:13:26,629 --> 00:13:33,139
years of doing this and for me now one

307
00:13:31,039 --> 00:13:36,259
of the poignant things that I'm looking

308
00:13:33,139 --> 00:13:42,710
back on with all this is in 2003 I

309
00:13:36,259 --> 00:13:46,330
learned I had all these years from 1967

310
00:13:42,710 --> 00:13:51,740
I had a daughter I didn't know about and

311
00:13:46,330 --> 00:13:55,940
not one fortune teller a straw roofs

312
00:13:51,740 --> 00:14:00,799
psychic diviner clairvoyant not one of

313
00:13:55,940 --> 00:14:02,750
them ever said you know you need to be

314

00:14:00,799 --> 00:14:04,579
aware that you have a daughter you don't

315
00:14:02,750 --> 00:14:07,220
know about and her name is such and such

316
00:14:04,580 --> 00:14:09,440
an issue so and so would that have been

317
00:14:07,220 --> 00:14:12,800
wonderful and wouldn't that have been

318
00:14:09,440 --> 00:14:15,410
convincing no they didn't know it

319
00:14:12,799 --> 00:14:17,449
because I didn't know yeah they know

320
00:14:15,409 --> 00:14:20,419
what you know yeah and they're cleverly

321
00:14:17,450 --> 00:14:22,190
able to fish out information and

322
00:14:20,419 --> 00:14:26,049
interpret it and get you to play that

323
00:14:22,190 --> 00:14:28,640
game and they may not do it shrigley and

324
00:14:26,049 --> 00:14:32,299
deceptively they may they believe they

325
00:14:28,639 --> 00:14:33,769
say a lot of things and some of it yes

326
00:14:32,299 --> 00:14:35,569
what it sticks when you say they

327
00:14:33,769 --> 00:14:37,069
cleverly do it now i agree there are

328
00:14:35,570 --> 00:14:39,890

some something out there i've seen

329

00:14:37,070 --> 00:14:44,000

myself who can cleverly do it yes but i

330

00:14:39,889 --> 00:14:45,949

must say there are a lot of psychics or

331

00:14:44,000 --> 00:14:49,129

fortune tellers or what have you who do

332

00:14:45,950 --> 00:14:51,440

it in a very clumsy manner yes still get

333

00:14:49,129 --> 00:14:58,129

good reason they do yeah and I remember

334

00:14:51,440 --> 00:15:01,970

once a psychic that my old colleague dr.

335

00:14:58,129 --> 00:15:04,490

robert baker and now passed on but he he

336

00:15:01,970 --> 00:15:05,180

was a great ghost hunter and skeptic and

337

00:15:04,490 --> 00:15:06,919

we did

338

00:15:05,179 --> 00:15:09,019

look together and great we were great

339

00:15:06,919 --> 00:15:11,870

friends and colleagues for many years

340

00:15:09,019 --> 00:15:13,189

and we decided on this particular

341

00:15:11,870 --> 00:15:15,799

psychic who was getting a lot of

342

00:15:13,190 --> 00:15:17,420

attention in our area we thought one

343
00:15:15,799 --> 00:15:18,949
let's just take him would just take him

344
00:15:17,419 --> 00:15:21,079
out to lunch and they feel agree to go

345
00:15:18,950 --> 00:15:22,580
out with us buy him a nice lunch and

346
00:15:21,080 --> 00:15:24,590
chat with him and so we thought that was

347
00:15:22,580 --> 00:15:26,629
a great idea the psychic agreed we took

348
00:15:24,590 --> 00:15:29,750
him out had a nice lunch and now it's

349
00:15:26,629 --> 00:15:31,820
conversation I asked uh psychic at one

350
00:15:29,750 --> 00:15:36,620
point I said would you be willing to

351
00:15:31,820 --> 00:15:39,740
have your abilities tested oh no he said

352
00:15:36,620 --> 00:15:41,870
I don't test well hmm well I mean

353
00:15:39,740 --> 00:15:43,580
without being employed I sort of smiled

354
00:15:41,870 --> 00:15:47,389
and I said well but you see the problem

355
00:15:43,580 --> 00:15:50,629
now because if you say you don't test

356
00:15:47,389 --> 00:15:52,549
well then I'm going to have to ask why

357
00:15:50,629 --> 00:15:55,009
you think you're psychic yeah in other

358
00:15:52,549 --> 00:15:56,870
words if we can't to actually show that

359
00:15:55,009 --> 00:16:00,909
you have this ability why do you think

360
00:15:56,870 --> 00:16:05,570
of it and he said oh that's simple

361
00:16:00,909 --> 00:16:09,019
people tell me how accurate I am and so

362
00:16:05,570 --> 00:16:13,730
it's easy to see there that you could

363
00:16:09,019 --> 00:16:16,069
just believe that you have some psychic

364
00:16:13,730 --> 00:16:18,879
ability you just say whatever comes into

365
00:16:16,070 --> 00:16:21,440
your mind and you maybe subconsciously

366
00:16:18,879 --> 00:16:24,230
assessing the guys manner of dress and

367
00:16:21,440 --> 00:16:28,010
some little cues and things that he said

368
00:16:24,230 --> 00:16:29,870
maybe you met him the 10 minutes ago he

369
00:16:28,009 --> 00:16:31,879
made some comment that would indicate

370
00:16:29,870 --> 00:16:34,129
he's a bachelor or something but you

371

00:16:31,879 --> 00:16:35,929
don't consciously you're not aware of

372
00:16:34,129 --> 00:16:37,490
all this but you're just saying what

373
00:16:35,929 --> 00:16:39,439
comes into your mind you seem to know

374
00:16:37,490 --> 00:16:42,169
these things yeah and I'm using your

375
00:16:39,440 --> 00:16:44,030
intuition and it's that's probably a

376
00:16:42,169 --> 00:16:46,069
little better than pure guessing you

377
00:16:44,029 --> 00:16:47,569
probably aren't picking up some cues and

378
00:16:46,070 --> 00:16:52,010
clues and things without being aware of

379
00:16:47,570 --> 00:16:54,680
it yeah and so however crudely in an

380
00:16:52,009 --> 00:16:57,169
artfully you may be doing it you are

381
00:16:54,679 --> 00:16:59,750
kind of the putting out some information

382
00:16:57,169 --> 00:17:04,460
for people and they may respond to it

383
00:16:59,750 --> 00:17:07,250
and if they're a believer and they they

384
00:17:04,460 --> 00:17:10,670
pick and choose they if you say

385
00:17:07,250 --> 00:17:12,710

something mistaken they may say them

386

00:17:10,670 --> 00:17:13,070

each challenge I don't know i don't have

387

00:17:12,710 --> 00:17:16,640

a

388

00:17:13,069 --> 00:17:17,990

sir and then you may say no but I I feel

389

00:17:16,640 --> 00:17:20,870

that someone who's like a sister to you

390

00:17:17,990 --> 00:17:23,509

and they will they will take whatever

391

00:17:20,869 --> 00:17:25,879

you say picking and choosing and

392

00:17:23,509 --> 00:17:27,650

interpreting and make it fit absolutely

393

00:17:25,880 --> 00:17:29,660

this is well known that people do this

394

00:17:27,650 --> 00:17:32,120

skeptics have given such readings and

395

00:17:29,660 --> 00:17:33,950

with good results yeah and so you don't

396

00:17:32,119 --> 00:17:36,799

have to be a deliberate charlatan

397

00:17:33,950 --> 00:17:38,690

shrewdly manipulating people to come to

398

00:17:36,799 --> 00:17:40,700

believe that you have psychic powers and

399

00:17:38,690 --> 00:17:44,809

do readings and people tell you how

400
00:17:40,700 --> 00:17:47,120
accurate you are I give a talk sometimes

401
00:17:44,809 --> 00:17:49,129
about this and I've come up with

402
00:17:47,119 --> 00:17:51,500
something I call the fishy cycle whether

403
00:17:49,130 --> 00:17:53,390
you I have the Fisher cycle and someone

404
00:17:51,500 --> 00:17:55,160
catches efficient it's that big and on

405
00:17:53,390 --> 00:17:57,110
the retelling the fishes this because

406
00:17:55,160 --> 00:17:59,120
the Riley the fish is well known which

407
00:17:57,109 --> 00:18:00,979
is a fun and who cares it's it that's

408
00:17:59,119 --> 00:18:02,629
great fun then I thought to myself well

409
00:18:00,980 --> 00:18:05,180
maybe I can adapt us i'll call this the

410
00:18:02,630 --> 00:18:07,520
fishy cycle web when somebody comes to

411
00:18:05,180 --> 00:18:09,860
see a fortune teller or a psychic they

412
00:18:07,519 --> 00:18:11,779
usually sold before they set step foot

413
00:18:09,859 --> 00:18:14,329
into the door they're sold on the idea

414
00:18:11,779 --> 00:18:16,069
of personally coming to see and you're

415
00:18:14,329 --> 00:18:17,899
right they will distort and manipulate

416
00:18:16,069 --> 00:18:21,019
and twist things in the mind to make it

417
00:18:17,900 --> 00:18:22,640
all fit now they'll go away and tell

418
00:18:21,019 --> 00:18:25,009
their friends what a great psychic this

419
00:18:22,640 --> 00:18:26,600
was and their friends come back and the

420
00:18:25,009 --> 00:18:28,339
original client will come back and tell

421
00:18:26,599 --> 00:18:30,819
the psychic you were so wonderful last

422
00:18:28,339 --> 00:18:34,309
time reinforcement reinforcement

423
00:18:30,819 --> 00:18:36,200
absolutely so of course I can't blame

424
00:18:34,309 --> 00:18:39,319
them someone for absolutely believing

425
00:18:36,200 --> 00:18:41,299
yeah that's right then so it makes our

426
00:18:39,319 --> 00:18:43,789
makes our work even more difficult

427
00:18:41,299 --> 00:18:46,309
because it would be so easy if they were

428

00:18:43,789 --> 00:18:47,839
all fakes and charlatans we could just

429
00:18:46,309 --> 00:18:51,649
catch them at their trips in a good

430
00:18:47,839 --> 00:18:54,230
shape well that's another point the good

431
00:18:51,650 --> 00:18:56,420
ones out there the good charlatans I'll

432
00:18:54,230 --> 00:19:00,440
say have learnt and maybe some of them

433
00:18:56,420 --> 00:19:02,630
are learnt from the peter Popoff episode

434
00:19:00,440 --> 00:19:04,880
you don't have to use gimmicks or tricks

435
00:19:02,630 --> 00:19:07,040
Road better that you don't yeah I mean

436
00:19:04,880 --> 00:19:09,710
when you look back at history of

437
00:19:07,039 --> 00:19:14,599
spiritualism and you know in the 19th

438
00:19:09,710 --> 00:19:16,340
century let's say from the the latter

439
00:19:14,599 --> 00:19:17,949
part of the 19th century into their

440
00:19:16,339 --> 00:19:20,899
early 20th century there were lots of

441
00:19:17,950 --> 00:19:23,259
trance mediums who did physical

442
00:19:20,900 --> 00:19:26,059

phenomena and they would there would be

443

00:19:23,259 --> 00:19:28,129

spirit materializations and dark room

444

00:19:26,058 --> 00:19:31,788

silences and spirits would write on on

445

00:19:28,130 --> 00:19:35,179

slates produce magical spirit writing

446

00:19:31,788 --> 00:19:38,419

and objects would be at ported they were

447

00:19:35,179 --> 00:19:41,298

said they would appear yes tables out of

448

00:19:38,419 --> 00:19:44,390

nowhere flowers and other airports and

449

00:19:41,298 --> 00:19:46,069

and myriad other phenomena physical

450

00:19:44,390 --> 00:19:49,520

phenomena and the problem with the

451

00:19:46,069 --> 00:19:52,398

physical phenomenon was that you could

452

00:19:49,519 --> 00:19:54,408

be caught doing these magic basically

453

00:19:52,398 --> 00:19:56,658

magic tricks in the dark yeah which

454

00:19:54,409 --> 00:19:58,299

suddenly whoa and yes someone like

455

00:19:56,659 --> 00:20:01,100

ghedini might whip out a flashlight

456

00:19:58,298 --> 00:20:04,730

someone might grab your hand but my

457
00:20:01,099 --> 00:20:07,308
point yeah this spiritualist used to do

458
00:20:04,730 --> 00:20:09,319
these physical this what's called

459
00:20:07,308 --> 00:20:10,849
physical mediumship and the problem with

460
00:20:09,319 --> 00:20:12,589
it was that they could be caught

461
00:20:10,849 --> 00:20:14,839
red-handed someone who grabbed their

462
00:20:12,589 --> 00:20:17,599
their hand or turn on a light and catch

463
00:20:14,839 --> 00:20:21,048
them faking the phenomena so now we have

464
00:20:17,599 --> 00:20:24,829
this mental mediumship we're we're

465
00:20:21,048 --> 00:20:27,139
certain practitioners can do readings

466
00:20:24,829 --> 00:20:29,418
under the bright lights of television

467
00:20:27,140 --> 00:20:31,610
they no longer need the dark rooms and

468
00:20:29,419 --> 00:20:33,950
yeah and they're just playing mind games

469
00:20:31,609 --> 00:20:36,229
they're fishing for information throwing

470
00:20:33,950 --> 00:20:38,720
out things hoping that you will pick and

471
00:20:36,230 --> 00:20:41,419
choose and interpret things to fit you

472
00:20:38,720 --> 00:20:44,538
and they goodbye with us and they cannot

473
00:20:41,419 --> 00:20:46,730
be caught basically cannot be caught

474
00:20:44,538 --> 00:20:49,490
doing actual tricks now we did catch I

475
00:20:46,730 --> 00:20:53,599
was working with Dateline NBC and we did

476
00:20:49,490 --> 00:20:57,169
catch John Edward the famous died we

477
00:20:53,599 --> 00:20:59,808
caught him revealing information and it

478
00:20:57,169 --> 00:21:01,880
had a reading that in fact we know he

479
00:20:59,808 --> 00:21:04,579
had earlier in the day we know he got

480
00:21:01,880 --> 00:21:07,549
that information the person that's set

481
00:21:04,579 --> 00:21:09,439
on it for a while and that's that's

482
00:21:07,548 --> 00:21:12,589
clear and so I think we caught him

483
00:21:09,440 --> 00:21:16,399
cheating he's tried to wriggle out of it

484
00:21:12,589 --> 00:21:19,759
but not very successfully but by and

485

00:21:16,398 --> 00:21:22,379
large the the mental mediumship

486
00:21:19,759 --> 00:21:24,240
safer it's an it's very interesting

487
00:21:22,380 --> 00:21:25,440
situation for us human we're trying to

488
00:21:24,240 --> 00:21:28,259
put our point of view to the general

489
00:21:25,440 --> 00:21:30,509
public because there's nothing for them

490
00:21:28,259 --> 00:21:32,579
now to latch on to like look if I cut

491
00:21:30,509 --> 00:21:35,129
this strain it falls down oh it's a

492
00:21:32,579 --> 00:21:37,470
trick all right and you can explain that

493
00:21:35,130 --> 00:21:39,480
very simply or if it's someone with a

494
00:21:37,470 --> 00:21:41,160
pole in the dark with these things that

495
00:21:39,480 --> 00:21:44,579
appear or disappear but when we're

496
00:21:41,160 --> 00:21:47,910
talking now about the flow of cold

497
00:21:44,579 --> 00:21:49,829
reading for example you can't just nail

498
00:21:47,910 --> 00:21:53,820
that in one quick center let's further

499
00:21:49,829 --> 00:21:56,428

to the untrained and that's that's where

500

00:21:53,819 --> 00:21:59,009

they have a big advantage I can't keep

501

00:21:56,429 --> 00:22:01,890

doing this due to them in person says oh

502

00:21:59,009 --> 00:22:03,450

I understand it now I what I'm trying to

503

00:22:01,890 --> 00:22:07,110

do with a lot of phenomena now has

504

00:22:03,450 --> 00:22:09,929

explained it as explain to people how we

505

00:22:07,109 --> 00:22:12,299

all are fooled by illusions so that at

506

00:22:09,929 --> 00:22:13,830

my first haunted house of mckinsey house

507

00:22:12,299 --> 00:22:16,289

in toronto people were hearing footsteps

508

00:22:13,829 --> 00:22:17,960

on the stairs late at night turned out

509

00:22:16,289 --> 00:22:21,420

there actually hearing footsteps on a

510

00:22:17,960 --> 00:22:24,120

staircase next door that was just a few

511

00:22:21,420 --> 00:22:26,250

inches away same staircase to a wall was

512

00:22:24,119 --> 00:22:27,989

it is actually a small passageway

513

00:22:26,250 --> 00:22:30,539

between the two buildings but close

514
00:22:27,990 --> 00:22:33,690
enough to to resonate and make the sound

515
00:22:30,539 --> 00:22:36,690
or people seeing a long-necked

516
00:22:33,690 --> 00:22:38,640
undulating serpentine creature on on a

517
00:22:36,690 --> 00:22:42,570
lake like Lake Okanagan in British

518
00:22:38,640 --> 00:22:45,929
Columbia or or or Newfoundlands like

519
00:22:42,569 --> 00:22:48,629
crescent and realizing that that in some

520
00:22:45,929 --> 00:22:50,429
cases is two or three or four otters

521
00:22:48,630 --> 00:22:52,110
swimming in a line yeah I'm creating

522
00:22:50,429 --> 00:22:54,600
this illusion of one long creature

523
00:22:52,109 --> 00:22:57,719
slithering through the water or any of a

524
00:22:54,599 --> 00:23:01,619
number of other things we even psychics

525
00:22:57,720 --> 00:23:04,380
doing this trick of retrofitting that is

526
00:23:01,619 --> 00:23:06,928
saying when someone's missing they say I

527
00:23:04,380 --> 00:23:09,660
see water I see the number seven and so

528
00:23:06,929 --> 00:23:12,350
forth and then after the person is the

529
00:23:09,660 --> 00:23:17,519
missing person's body is found they

530
00:23:12,349 --> 00:23:19,500
interpret the the information to fit so

531
00:23:17,519 --> 00:23:21,629
they say well water I mentioned water

532
00:23:19,500 --> 00:23:23,759
there's a creek lake a pond it's so

533
00:23:21,630 --> 00:23:24,760
forth and so showing you how these sort

534
00:23:23,759 --> 00:23:27,519
of illusions

535
00:23:24,759 --> 00:23:29,170
something looks like they told this had

536
00:23:27,519 --> 00:23:31,629
a vision of where the body was but they

537
00:23:29,170 --> 00:23:34,570
they're really counting on us to match

538
00:23:31,630 --> 00:23:37,870
up and showing how these techniques work

539
00:23:34,569 --> 00:23:40,089
I think is very important for skeptics

540
00:23:37,869 --> 00:23:43,689
to be able to do understanding them

541
00:23:40,089 --> 00:23:47,819
these illusions and realizing we also

542

00:23:43,690 --> 00:23:51,059
are capable of a pool and trying to to

543
00:23:47,819 --> 00:23:53,259
explain either the trick of mind or the

544
00:23:51,059 --> 00:23:55,419
assumption that sort of thing and since

545
00:23:53,259 --> 00:23:57,339
seeing that we're all vulnerable yeah

546
00:23:55,420 --> 00:24:00,180
that's that's that's absolutely true and

547
00:23:57,339 --> 00:24:02,619
well I'm in the interesting position

548
00:24:00,180 --> 00:24:04,509
like himself of encountering these

549
00:24:02,619 --> 00:24:06,909
things and trying to explain these

550
00:24:04,509 --> 00:24:09,420
things so it's an interesting life it

551
00:24:06,910 --> 00:24:13,480
really is i enjoy it too it is i

552
00:24:09,420 --> 00:24:15,970
thoroughly enjoy this work now if our

553
00:24:13,480 --> 00:24:18,099
listeners want to find out more about

554
00:24:15,970 --> 00:24:19,630
you and way you write for the skeptic

555
00:24:18,099 --> 00:24:22,240
The Skeptical Inquirer skeptical

556
00:24:19,630 --> 00:24:26,650

Inquirer and they can go to my personal

557

00:24:22,240 --> 00:24:30,490

website WWJ nickel spell it correctly in

558

00:24:26,650 --> 00:24:33,940

IC ke LOL calm and you can check out my

559

00:24:30,490 --> 00:24:36,819

blogs and you can see some of my many

560

00:24:33,940 --> 00:24:39,430

personas that is over the years and and

561

00:24:36,819 --> 00:24:41,409

my books and how do people get hold of

562

00:24:39,430 --> 00:24:44,560

your books they can actually go to my

563

00:24:41,410 --> 00:24:46,750

website see the various I don't know 25

564

00:24:44,559 --> 00:24:48,609

or 30 books I've written and click on

565

00:24:46,750 --> 00:24:50,440

them and they'll take you to a place

566

00:24:48,609 --> 00:24:53,379

where you can buy the book they're all

567

00:24:50,440 --> 00:24:56,860

my books I'm happy to say all my books

568

00:24:53,380 --> 00:25:00,010

are in print still only one of my books

569

00:24:56,859 --> 00:25:01,389

went out of print is back okay well Joe

570

00:25:00,009 --> 00:25:03,369

Nickell it's been an absolute pleasure

571
00:25:01,390 --> 00:25:06,430
to meet you once again because we didn't

572
00:25:03,369 --> 00:25:08,589
meet briefly in two thousand and yes so

573
00:25:06,430 --> 00:25:10,539
glory yes good to see you again and

574
00:25:08,589 --> 00:25:13,319
thanks for appearing on the skeptics in

575
00:25:10,539 --> 00:25:13,319
my pleasure

576
00:25:22,589 --> 00:25:27,449
hi I'm Alice to take clothes through the

577
00:25:25,599 --> 00:25:29,589
new by weekly podcast the

578
00:25:27,450 --> 00:25:31,960
pseudo-scientists the official podcast

579
00:25:29,589 --> 00:25:34,269
of the youngster alien skeptics john

580
00:25:31,960 --> 00:25:37,360
elliott birch daily breeders jason ball

581
00:25:34,269 --> 00:25:39,250
Jack Scanlon hey rush and myself to hear

582
00:25:37,359 --> 00:25:41,558
what our generation have to say backpack

583
00:25:39,250 --> 00:25:44,619
Yuri science and the issues they concern

584
00:25:41,558 --> 00:25:56,859
us subscribe to our podcast located that

585
00:25:44,619 --> 00:26:01,979
young as skeptics calm little take this

586
00:25:56,859 --> 00:26:01,979
with a grain of salt he's around ticket

587
00:26:04,558 --> 00:26:09,879
hello this is a run segev taking life

588
00:26:07,240 --> 00:26:12,160
with a grain of salt when I was about

589
00:26:09,880 --> 00:26:14,470
four my father would take me out almost

590
00:26:12,160 --> 00:26:17,410
every night before bed time to look at

591
00:26:14,470 --> 00:26:19,210
the night sky equipped only with a small

592
00:26:17,410 --> 00:26:21,790
Reader's Digest guide to the night sky

593
00:26:19,210 --> 00:26:23,679
and a lot of enthusiasm he would tell me

594
00:26:21,789 --> 00:26:25,869
the stories of Cassiopeia the Big Dipper

595
00:26:23,679 --> 00:26:28,630
and the Little Dipper the North Star and

596
00:26:25,869 --> 00:26:30,399
many other celestial objects my father

597
00:26:28,630 --> 00:26:32,470
could not even be considered an amateur

598
00:26:30,400 --> 00:26:34,600
astronomer his knowledge was very

599

00:26:32,470 --> 00:26:36,579
limited he could not identify planets

600
00:26:34,599 --> 00:26:39,159
other than Venus and definitely knew

601
00:26:36,579 --> 00:26:41,369
very little astrophysics what he lacked

602
00:26:39,160 --> 00:26:43,779
in knowledge he filled with curiosity

603
00:26:41,369 --> 00:26:46,509
enthusiasm and delighted the wonders of

604
00:26:43,779 --> 00:26:48,639
nature without intending it or knowing

605
00:26:46,509 --> 00:26:50,710
where he would lead he had instilled in

606
00:26:48,640 --> 00:26:53,740
me a lifelong passion for astronomy and

607
00:26:50,710 --> 00:26:56,019
for science in general that in turn led

608
00:26:53,740 --> 00:26:58,720
to a skeptical mindset into a tendency

609
00:26:56,019 --> 00:27:00,190
to think critically those listeners who

610
00:26:58,720 --> 00:27:02,319
have children or planning to have

611
00:27:00,190 --> 00:27:04,029
children may sometimes wonder what they

612
00:27:02,319 --> 00:27:06,548
might be able to do to ensure their

613
00:27:04,029 --> 00:27:08,109

children become critical thinkers I know

614

00:27:06,548 --> 00:27:10,569

that there are also those who consider

615

00:27:08,109 --> 00:27:13,199

such a notion to be wrong seeing it as a

616

00:27:10,569 --> 00:27:15,490

type of indoctrination but I disagree

617

00:27:13,200 --> 00:27:18,130

teaching a child to think critically is

618

00:27:15,490 --> 00:27:19,660

providing them with a skill telling them

619

00:27:18,130 --> 00:27:22,179

to think for themselves is the

620

00:27:19,660 --> 00:27:23,769

antithesis of indoctrination and is what

621

00:27:22,179 --> 00:27:26,740

every skeptical parents should strive

622

00:27:23,769 --> 00:27:27,970

for in this talk i will discuss

623

00:27:26,740 --> 00:27:29,230

some of the ways by which you can

624

00:27:27,970 --> 00:27:32,079

encourage your children to become

625

00:27:29,230 --> 00:27:34,120

critical thinkers be warned though if

626

00:27:32,079 --> 00:27:36,549

you do a good job your kids will be less

627

00:27:34,119 --> 00:27:39,339

likely to respond well to because I'm

628

00:27:36,549 --> 00:27:41,049

your daddy and I said so as it's

629

00:27:39,339 --> 00:27:43,058

probably obvious from the story I opened

630

00:27:41,049 --> 00:27:44,950

with I believe the best way to get your

631

00:27:43,058 --> 00:27:48,428

child to do anything is by modeling the

632

00:27:44,950 --> 00:27:49,660

behavior by way of analogy if you want

633

00:27:48,429 --> 00:27:52,929

your child to have good table manners

634

00:27:49,660 --> 00:27:55,000

mind your own not only will a child

635

00:27:52,929 --> 00:27:56,800

usually want to copy you you will also

636

00:27:55,000 --> 00:27:58,690

be well placed to commend them on doing

637

00:27:56,799 --> 00:28:01,149

the right thing or putting them on

638

00:27:58,690 --> 00:28:02,350

notice for doing the wrong thing if you

639

00:28:01,150 --> 00:28:04,600

make a habit of making unfounded

640

00:28:02,349 --> 00:28:06,849

statements or having opinions or matter

641

00:28:04,599 --> 00:28:08,740

about which you know very little your

642
00:28:06,849 --> 00:28:10,209
children will know and it won't matter

643
00:28:08,740 --> 00:28:13,150
how much you tell them to think for

644
00:28:10,210 --> 00:28:15,870
themselves so my rules for raising

645
00:28:13,150 --> 00:28:18,250
little critical thinkers AR 1 model

646
00:28:15,869 --> 00:28:20,379
critical thinking show your children

647
00:28:18,250 --> 00:28:22,089
that when a claim is made which requires

648
00:28:20,380 --> 00:28:25,750
supporting evidence you seek the

649
00:28:22,089 --> 00:28:28,659
evidence to say I don't know at least

650
00:28:25,750 --> 00:28:30,400
say it when you really don't know you

651
00:28:28,660 --> 00:28:32,890
can do even better by working with your

652
00:28:30,400 --> 00:28:34,900
child to find out the answer it's a

653
00:28:32,890 --> 00:28:38,140
learning opportunity for you and for

654
00:28:34,900 --> 00:28:40,630
them three force them to think for

655
00:28:38,140 --> 00:28:41,860
themselves if they ask a question that

656

00:28:40,630 --> 00:28:43,630
you feel they can figure out by

657
00:28:41,859 --> 00:28:45,428
themselves ask them what they think

658
00:28:43,630 --> 00:28:48,940
rather than simply providing them with

659
00:28:45,429 --> 00:28:51,460
an answer for get them interested in

660
00:28:48,940 --> 00:28:53,410
science show them how wonderful reality

661
00:28:51,460 --> 00:28:56,079
is and what an extraordinary achievement

662
00:28:53,410 --> 00:29:00,100
it is that humans know so much with the

663
00:28:56,079 --> 00:29:02,710
help of science 5 above all be

664
00:29:00,099 --> 00:29:04,569
enthusiastic if you groan before you do

665
00:29:02,710 --> 00:29:07,660
something with your kids they won't buy

666
00:29:04,569 --> 00:29:09,279
it with these 5 rules in mind I'd like

667
00:29:07,660 --> 00:29:10,808
to suggest some practical avenues for

668
00:29:09,279 --> 00:29:13,690
promoting critical thinking in your

669
00:29:10,808 --> 00:29:16,089
children as I mentioned in a previous

670
00:29:13,690 --> 00:29:18,130

podcast I object to lying to children

671

00:29:16,089 --> 00:29:20,409

and this includes lying to them about

672

00:29:18,130 --> 00:29:23,050

cherished beliefs such as Santa or the

673

00:29:20,410 --> 00:29:24,610

tooth fairy having said that most

674

00:29:23,049 --> 00:29:26,139

parents would recognize the value of

675

00:29:24,609 --> 00:29:28,659

such imaginary entities to their

676

00:29:26,140 --> 00:29:30,730

children and want to avoid ruining a

677

00:29:28,660 --> 00:29:32,860

dream in favor of the harsh reality that

678

00:29:30,730 --> 00:29:34,690

mummy and daddy have to go to work in

679

00:29:32,859 --> 00:29:37,659

order to finance Santa and the Tooth

680

00:29:34,690 --> 00:29:39,080

Fairy my experience is that there is no

681

00:29:37,660 --> 00:29:40,880

need to lie and it's quite

682

00:29:39,079 --> 00:29:42,500

possible to play along with a fantasy

683

00:29:40,880 --> 00:29:45,710

without playing an active part in

684

00:29:42,500 --> 00:29:48,140

creating it one of my children had a pet

685
00:29:45,710 --> 00:29:50,419
dragon which he named bragging for

686
00:29:48,140 --> 00:29:52,340
almost two years and while it's presents

687
00:29:50,419 --> 00:29:55,100
like that of most fire-breathing pets

688
00:29:52,339 --> 00:29:56,808
was not always pleasant we never thought

689
00:29:55,099 --> 00:29:59,089
to tell our child that the dragon was

690
00:29:56,808 --> 00:30:01,970
not real as it clearly fulfilled a

691
00:29:59,089 --> 00:30:04,609
certain need instead we simply played

692
00:30:01,970 --> 00:30:06,890
along we asked him to tell us about the

693
00:30:04,609 --> 00:30:09,288
dragon when the subject came up but did

694
00:30:06,890 --> 00:30:12,169
not make up our own stories or inflict

695
00:30:09,288 --> 00:30:14,658
our own ideas on him at a certain point

696
00:30:12,169 --> 00:30:17,149
he decided to get rid of bragging and we

697
00:30:14,659 --> 00:30:19,250
stopped hearing about it similarly with

698
00:30:17,148 --> 00:30:21,018
a tooth fairy and another child they

699

00:30:19,250 --> 00:30:23,179

came a time when questions arose around

700

00:30:21,019 --> 00:30:26,298

who might really be replacing the tooth

701

00:30:23,179 --> 00:30:29,509

with a few coins rather than saying you

702

00:30:26,298 --> 00:30:31,069

got me mate it's me I chose to respond

703

00:30:29,509 --> 00:30:33,440

with what I considered to be the best

704

00:30:31,069 --> 00:30:35,599

way to deal with such queries I asked

705

00:30:33,440 --> 00:30:37,450

what he thought and soon enough he came

706

00:30:35,599 --> 00:30:40,099

to his own conclusions about the matter

707

00:30:37,450 --> 00:30:42,380

that did not stop him from using the

708

00:30:40,099 --> 00:30:45,009

tooth fairy as code for I lost a tooth

709

00:30:42,380 --> 00:30:47,269

you owe me money for several more years

710

00:30:45,009 --> 00:30:49,970

that experience with the tooth fairy

711

00:30:47,269 --> 00:30:51,589

taught me a lot I've since used the what

712

00:30:49,970 --> 00:30:54,019

do you think approach very often in

713

00:30:51,589 --> 00:30:56,000
relation to the variety of topics for

714
00:30:54,019 --> 00:30:58,700
example the kids got a glimpse of some

715
00:30:56,000 --> 00:31:01,099
miracle cure on a tabloid TV show they

716
00:30:58,700 --> 00:31:02,720
mentioned it excitedly over dinner so I

717
00:31:01,099 --> 00:31:04,908
asked a few questions about how it was

718
00:31:02,720 --> 00:31:07,548
found and contrasted it with questions

719
00:31:04,909 --> 00:31:09,289
about how science progresses I made the

720
00:31:07,548 --> 00:31:11,538
point that revolutionary breakthroughs

721
00:31:09,288 --> 00:31:13,369
do happen but ask them what it would

722
00:31:11,538 --> 00:31:16,308
take for them to believe that what they

723
00:31:13,369 --> 00:31:18,528
saw was such a breakthrough without me

724
00:31:16,308 --> 00:31:21,168
casting doubt about any specific claim

725
00:31:18,528 --> 00:31:23,028
or stating my own opinion they very soon

726
00:31:21,169 --> 00:31:24,528
realized that energized water or

727
00:31:23,028 --> 00:31:26,898

whatever the miracle cure was is

728

00:31:24,528 --> 00:31:29,808
unlikely to be a really exciting

729

00:31:26,898 --> 00:31:31,189
development I'm sure it's clear to all

730

00:31:29,808 --> 00:31:33,200
this inner that I was not being an

731

00:31:31,190 --> 00:31:35,690
objective bystander in this process I

732

00:31:33,200 --> 00:31:37,759
had a very clear goal in mind and I had

733

00:31:35,690 --> 00:31:39,440
achieved it but the important point is

734

00:31:37,759 --> 00:31:41,359
that in order for the kids to reach the

735

00:31:39,440 --> 00:31:43,149
point I want to let me to get to they

736

00:31:41,359 --> 00:31:45,379
had to apply their own reasoning I

737

00:31:43,148 --> 00:31:48,528
guided them through questions but did

738

00:31:45,380 --> 00:31:50,360
not provide any answers the questions

739

00:31:48,528 --> 00:31:52,799
children asked are not always about some

740

00:31:50,359 --> 00:31:54,449
grand mystery sometimes

741

00:31:52,799 --> 00:31:56,579
they asked questions about how our wide

742
00:31:54,450 --> 00:31:58,049
things work in a certain way and this

743
00:31:56,579 --> 00:32:00,960
can lead to a great learning experience

744
00:31:58,049 --> 00:32:03,329
for example the child may ask why the

745
00:32:00,960 --> 00:32:04,620
moon changes from night to night it

746
00:32:03,329 --> 00:32:06,960
would be okay to say that the moon has

747
00:32:04,619 --> 00:32:09,389
phases but rather than explain what they

748
00:32:06,960 --> 00:32:11,610
are you can do a demonstration using a

749
00:32:09,390 --> 00:32:13,620
spotlight for the Sun a basketball for

750
00:32:11,609 --> 00:32:16,049
the moon in the child's head for Earth

751
00:32:13,619 --> 00:32:19,139
the beauty of it is that you won't need

752
00:32:16,049 --> 00:32:20,909
to explain instead of explaining ask the

753
00:32:19,140 --> 00:32:24,390
child to describe and explain what is

754
00:32:20,910 --> 00:32:26,040
happening sometimes a child will ask a

755
00:32:24,390 --> 00:32:28,860
question to which you don't know the

756
00:32:26,039 --> 00:32:30,480
answer the best approach is to say that

757
00:32:28,859 --> 00:32:32,969
you don't know and suggest you work

758
00:32:30,480 --> 00:32:34,559
together to find out in the age of the

759
00:32:32,970 --> 00:32:36,120
Internet you can probably make a start

760
00:32:34,559 --> 00:32:38,220
very easily by using a search engine

761
00:32:36,119 --> 00:32:40,289
which provides a good opportunity to

762
00:32:38,220 --> 00:32:41,970
also talk about the reliability or lack

763
00:32:40,289 --> 00:32:44,159
thereof of information of lean on the

764
00:32:41,970 --> 00:32:47,069
internet and how to verify such

765
00:32:44,160 --> 00:32:49,170
information regardless whether you open

766
00:32:47,069 --> 00:32:51,359
a browser read a book or go to a museum

767
00:32:49,170 --> 00:32:52,980
to find the answer the experience of

768
00:32:51,359 --> 00:32:55,439
finding something out together with a

769
00:32:52,980 --> 00:32:58,559
parent is an invaluable one as he chose

770

00:32:55,440 --> 00:33:00,210
the child how evidence is sought it also

771
00:32:58,559 --> 00:33:02,490
teaches them that adults don't know

772
00:33:00,210 --> 00:33:04,319
everything and by implication that they

773
00:33:02,490 --> 00:33:07,019
can be doubtful of a claim made by an

774
00:33:04,319 --> 00:33:08,909
adult there are also more effortless

775
00:33:07,019 --> 00:33:11,069
ways of exposing your child to science

776
00:33:08,910 --> 00:33:12,779
into critical thinking watching

777
00:33:11,069 --> 00:33:14,460
mythbusters is a fail safe way of

778
00:33:12,779 --> 00:33:16,579
spending an hour with your child while

779
00:33:14,460 --> 00:33:18,930
not moving a muscle yet having great fun

780
00:33:16,579 --> 00:33:21,509
it's so much fun that it's hard to

781
00:33:18,930 --> 00:33:23,279
believe how educational it is there are

782
00:33:21,509 --> 00:33:25,799
also lots of books about science aimed

783
00:33:23,279 --> 00:33:27,779
at children of various ages while most

784
00:33:25,799 --> 00:33:30,059

of them concentrated on the findings of

785

00:33:27,779 --> 00:33:32,039

science rather than on the process it's

786

00:33:30,059 --> 00:33:34,379

possible to find books that describe how

787

00:33:32,039 --> 00:33:36,599

discoveries were made but in any case

788

00:33:34,380 --> 00:33:37,890

you can go back to step 2 and do some

789

00:33:36,599 --> 00:33:40,379

research together based on an

790

00:33:37,890 --> 00:33:42,720

interesting factoid in a book there are

791

00:33:40,380 --> 00:33:45,030

also books like the time and space of

792

00:33:42,720 --> 00:33:46,789

Uncle Albert which describe difficult

793

00:33:45,029 --> 00:33:49,500

scientific ideas to a young audience

794

00:33:46,789 --> 00:33:52,579

reading such books together can be a lot

795

00:33:49,500 --> 00:33:55,259

of fun and you might learn something too

796

00:33:52,579 --> 00:33:56,990

while doing all those things the most

797

00:33:55,259 --> 00:33:59,670

important thing is to be enthusiastic

798

00:33:56,990 --> 00:34:01,529

the same in eight mechanism that allows

799
00:33:59,670 --> 00:34:03,300
children to know exactly which button to

800
00:34:01,529 --> 00:34:05,639
press to drive their parents of the wall

801
00:34:03,299 --> 00:34:06,059
works very well to find out when your

802
00:34:05,640 --> 00:34:08,910
fake

803
00:34:06,059 --> 00:34:10,409
it if you're not enthusiastic none of

804
00:34:08,909 --> 00:34:13,649
the ideas I mentioned will work very

805
00:34:10,409 --> 00:34:15,629
well over very long if you are tired or

806
00:34:13,650 --> 00:34:17,700
P occupied and are unable to muster the

807
00:34:15,630 --> 00:34:20,329
required eagerness it's probably best to

808
00:34:17,699 --> 00:34:23,219
postpone the activity to another day and

809
00:34:20,329 --> 00:34:25,230
finally remember that you have to try to

810
00:34:23,219 --> 00:34:28,259
use reason in all your interactions with

811
00:34:25,230 --> 00:34:30,599
your young skeptic because one don't ask

812
00:34:28,260 --> 00:34:33,860
stupid questions can undo months of

813
00:34:30,599 --> 00:34:33,860
asking what do you think

814
00:34:44,878 --> 00:34:50,750
I'm Carly Sturgis and this is the

815
00:34:47,518 --> 00:34:53,398
skeptical zones token skeptic book review

816
00:34:50,750 --> 00:34:55,918
Jason Rosenhaus an associate professor

817
00:34:53,398 --> 00:34:58,318
of mathematics is the author of the

818
00:34:55,918 --> 00:35:01,469
Monty Hall problem the remarkable story

819
00:34:58,318 --> 00:35:03,210
of maths most contentious brainteaser my

820
00:35:01,469 --> 00:35:05,788
original idea for this book he writes

821
00:35:03,210 --> 00:35:07,769
was that an entire first course in

822
00:35:05,789 --> 00:35:09,900
probability could be based on nothing

823
00:35:07,768 --> 00:35:12,149
more than variations of the Monty Hall

824
00:35:09,900 --> 00:35:14,068
problem to pick up the book in the first

825
00:35:12,150 --> 00:35:16,500
place is to know something of the

826
00:35:14,068 --> 00:35:18,150
problem already it is the rare math

827

00:35:16,500 --> 00:35:19,789
problem that finds its way into the

828
00:35:18,150 --> 00:35:22,950
front page of the sunday New York Times

829
00:35:19,789 --> 00:35:24,660
but the Monty Hall problem somewhat akin

830
00:35:22,949 --> 00:35:28,739
to the let's make a deal gameshow

831
00:35:24,659 --> 00:35:30,719
achieve that in 1991 the heated argument

832
00:35:28,739 --> 00:35:33,239
that played out for 11 months previously

833
00:35:30,719 --> 00:35:35,509
was due to a Q&A column written by

834
00:35:33,239 --> 00:35:38,429
Marilyn Vos savant in Parade magazine

835
00:35:35,509 --> 00:35:40,679
now as a young person I enjoyed reading

836
00:35:38,429 --> 00:35:42,419
the Guinness Book records and I wouldn't

837
00:35:40,679 --> 00:35:45,480
be surprised if many young people still

838
00:35:42,420 --> 00:35:48,298
do and I remembered Vaas savants listing

839
00:35:45,480 --> 00:35:51,358
in the 1980s editions as the person with

840
00:35:48,298 --> 00:35:54,059
the highest recorded IQ could someone

841
00:35:51,358 --> 00:35:55,798

with the highest IQ get it wrong what

842

00:35:54,059 --> 00:35:57,829

got mathematicians so angry that it

843

00:35:55,798 --> 00:35:59,969

ended up in the news could there be

844

00:35:57,829 --> 00:36:01,500

interpretations of the problem that

845

00:35:59,969 --> 00:36:04,588

aren't being addressed in the answers

846

00:36:01,500 --> 00:36:07,500

given here's one version that I've heard

847

00:36:04,588 --> 00:36:09,298

you are Monty halls game show contestant

848

00:36:07,500 --> 00:36:13,409

and he presents you with three identical

849

00:36:09,298 --> 00:36:16,079

doors one hides a car which you want but

850

00:36:13,409 --> 00:36:18,838

the other two doors hide goats neither

851

00:36:16,079 --> 00:36:21,240

which you want you pick a door but

852

00:36:18,838 --> 00:36:23,909

instead of opening it Monty opens one of

853

00:36:21,239 --> 00:36:26,219

the other two doors Monty knows of

854

00:36:23,909 --> 00:36:28,768

course where the car is and where the

855

00:36:26,219 --> 00:36:31,348

goats are and he only opens a door that

856
00:36:28,768 --> 00:36:33,028
shows you a goat in the case where you

857
00:36:31,349 --> 00:36:35,490
happen to pick the door hiding the car

858
00:36:33,028 --> 00:36:38,579
he chooses one of the remaining doors

859
00:36:35,489 --> 00:36:40,500
randomly so you have one door open with

860
00:36:38,579 --> 00:36:43,259
the goat and two doors unopened

861
00:36:40,500 --> 00:36:45,750
including the one you picked Monty now

862
00:36:43,259 --> 00:36:48,028
says he will give you a choice you can

863
00:36:45,750 --> 00:36:50,369
stick to the unopened or you originally

864
00:36:48,028 --> 00:36:53,219
picked or you can switch to the other

865
00:36:50,369 --> 00:36:56,278
unopened door do you stick or do you

866
00:36:53,219 --> 00:36:57,789
switch now that's part of the story but

867
00:36:56,278 --> 00:37:00,190
as Jason rosenhaus foul

868
00:36:57,789 --> 00:37:02,139
it doesn't end there some of the

869
00:37:00,190 --> 00:37:04,990
chapters are indeed mathematical as

870
00:37:02,139 --> 00:37:08,379
you'd expect with unknowns XYZ

871
00:37:04,989 --> 00:37:10,809
probability symbols and so forth he

872
00:37:08,380 --> 00:37:12,610
writes that it's possibly more a book

873
00:37:10,809 --> 00:37:14,500
for undergraduates with the interest in

874
00:37:12,610 --> 00:37:16,480
mathematics but i would say that a keen

875
00:37:14,500 --> 00:37:18,190
high schooler could find a lot to enjoy

876
00:37:16,480 --> 00:37:20,679
in it even if they did ask a few

877
00:37:18,190 --> 00:37:22,690
questions the book is a discursive

878
00:37:20,679 --> 00:37:24,210
entertaining journey and very well

879
00:37:22,690 --> 00:37:26,889
structured there are references

880
00:37:24,210 --> 00:37:29,409
historical investigations philosophy and

881
00:37:26,889 --> 00:37:31,150
even pop culture ideas along with many

882
00:37:29,409 --> 00:37:33,369
different explanations of the Monty Hall

883
00:37:31,150 --> 00:37:34,869
problem if you're interested in

884

00:37:33,369 --> 00:37:38,469
mathematics as a recreational activity

885
00:37:34,869 --> 00:37:40,449
this will entertain you Rosenhaus wrote

886
00:37:38,469 --> 00:37:42,939
no matter how many times he brings this

887
00:37:40,449 --> 00:37:44,859
problem up at social gatherings he is

888
00:37:42,940 --> 00:37:47,139
amazed by the ability of a mere math

889
00:37:44,860 --> 00:37:49,030
problem to awaken such passion and

890
00:37:47,139 --> 00:37:51,339
interest the importance of thinking

891
00:37:49,030 --> 00:37:53,680
clearly about probability cannot be

892
00:37:51,340 --> 00:37:55,390
dismissed the Monty Hall problem is a

893
00:37:53,679 --> 00:37:58,839
book that reflects that passion and

894
00:37:55,389 --> 00:38:00,759
interest which is why I recommend it you

895
00:37:58,840 --> 00:38:03,100
can read the token skeptic book review

896
00:38:00,760 --> 00:38:05,590
at the official site of token skeptic

897
00:38:03,099 --> 00:38:08,829
org and of course further links and news

898
00:38:05,590 --> 00:38:11,620

will be found at skeptic zone wordpress

899

00:38:08,829 --> 00:38:14,039

com the official blog for the skeptics

900

00:38:11,619 --> 00:38:14,039

own podcast

901

00:38:29,250 --> 00:38:33,818

perth gets into the zone for

902

00:38:31,329 --> 00:38:35,829

myth-busting and more international

903

00:38:33,818 --> 00:38:37,750

itunes sensation and proactive online

904

00:38:35,829 --> 00:38:39,880

radio show for science and reason is

905

00:38:37,750 --> 00:38:42,639

presenting at the University of Western

906

00:38:39,880 --> 00:38:44,528

Australia catch the talks by Richard

907

00:38:42,639 --> 00:38:46,778

Saunders and dr. Rachel Dunlop on

908

00:38:44,528 --> 00:38:49,329

Saturday eighth of august from five

909

00:38:46,778 --> 00:38:51,489

until 8pm at the University of Western

910

00:38:49,329 --> 00:38:54,160

Australia at the wool now lecture

911

00:38:51,489 --> 00:38:56,919

theatre geology building it is hosted by

912

00:38:54,159 --> 00:38:59,379

the UWA atheists and agnostics society

913
00:38:56,920 --> 00:39:02,380
the Perth atheists and the humanist

914
00:38:59,380 --> 00:39:04,269
society of Western Australia you can

915
00:39:02,380 --> 00:39:06,490
find out more details on the skeptic

916
00:39:04,268 --> 00:39:11,278
zone site and certainly head to the

917
00:39:06,489 --> 00:39:11,278
meetup com group for the Perth atheists

918
00:39:15,400 --> 00:39:25,460
now it's time for dr. Rachel reports

919
00:39:18,769 --> 00:39:28,338
with dr. Rachel Dunlop hello everyone

920
00:39:25,460 --> 00:39:29,750
and welcome to dr. ecchi reports while

921
00:39:28,338 --> 00:39:31,699
it's been a while since I mentioned the

922
00:39:29,750 --> 00:39:34,548
anti-vaxxers in Australia and after this

923
00:39:31,699 --> 00:39:35,899
week I think it's time for an update so

924
00:39:34,548 --> 00:39:37,818
some of you may have been watching with

925
00:39:35,900 --> 00:39:39,858
amusement the cat and mouse games this

926
00:39:37,818 --> 00:39:42,588
week on the various Facebook pages from

927
00:39:39,858 --> 00:39:44,420
the anti-vaxxers as fast as they were

928
00:39:42,588 --> 00:39:46,308
filled up with evidence-based comments

929
00:39:44,420 --> 00:39:48,680
these comments will magically disappear

930
00:39:46,309 --> 00:39:51,829
soon after as they were deleted by the

931
00:39:48,679 --> 00:39:53,808
lunatic fringe anti vasas never

932
00:39:51,829 --> 00:39:56,180
fearlessness we have a tool called

933
00:39:53,809 --> 00:39:58,298
screen capture which has saved much of

934
00:39:56,179 --> 00:40:02,269
the material to be used at a later date

935
00:39:58,298 --> 00:40:04,369
stay tuned for news on this but then

936
00:40:02,269 --> 00:40:05,960
again it is really no surprise that the

937
00:40:04,369 --> 00:40:08,990
anti-vaxxers are desperately trying to

938
00:40:05,960 --> 00:40:12,588
save some sort of face and it seems that

939
00:40:08,989 --> 00:40:14,118
hypocrisy keeps coming I was informed

940
00:40:12,588 --> 00:40:17,210
this week through a comment on my blog

941

00:40:14,119 --> 00:40:20,119
that Meryl Dory the president of the

942
00:40:17,210 --> 00:40:23,298
Australian vaccination Network poses as

943
00:40:20,119 --> 00:40:25,450
pro-choice publicly only in order to

944
00:40:23,298 --> 00:40:27,769
curry favor with the mainstream media

945
00:40:25,449 --> 00:40:30,409
however privately she is

946
00:40:27,769 --> 00:40:33,559
anti-vaccination almost makes you want

947
00:40:30,409 --> 00:40:34,848
to put your face in your palm but then I

948
00:40:33,559 --> 00:40:37,039
received this insightful information

949
00:40:34,849 --> 00:40:39,410
from someone who wanted to ask Tony

950
00:40:37,039 --> 00:40:41,599
McCaffrey about the results of her dead

951
00:40:39,409 --> 00:40:44,719
daughter's autopsy since they don't

952
00:40:41,599 --> 00:40:46,849
believe pertussis killed Dana charming

953
00:40:44,719 --> 00:40:50,538
lot these anti-vaxxers and sensitive to

954
00:40:46,849 --> 00:40:52,309
boot so this week let's have a bit of a

955
00:40:50,539 --> 00:40:54,890

laugh as we enter into the world of

956

00:40:52,309 --> 00:40:58,940

conspiracy theories subscribe to buy the

957

00:40:54,889 --> 00:41:01,179

anti-vaccine the first one being that

958

00:40:58,940 --> 00:41:04,429

swine flu is a synthetic virus

959

00:41:01,179 --> 00:41:08,358

manufactured by a secret Illuminati for

960

00:41:04,429 --> 00:41:11,538

the purposes of mass genocide this

961

00:41:08,358 --> 00:41:13,369

conspiracy theory goes like this the

962

00:41:11,539 --> 00:41:16,039

swine flu virus was apparently created

963

00:41:13,369 --> 00:41:18,260

in a laboratory to generate mass panic

964

00:41:16,039 --> 00:41:21,349

with a specific intention of forcing

965

00:41:18,260 --> 00:41:23,450

everyone to have the vaccine and this

966

00:41:21,349 --> 00:41:24,769

theory stems from a plot apparently

967

00:41:23,449 --> 00:41:27,859

uncovered by Austria

968

00:41:24,769 --> 00:41:30,019

and journalist Jane Burgermeister to

969

00:41:27,860 --> 00:41:33,559

cull the population with a deadly swine

970
00:41:30,019 --> 00:41:35,860
flu vaccine now Jane has apparently

971
00:41:33,559 --> 00:41:38,360
filed criminal charges with the FBI

972
00:41:35,860 --> 00:41:42,200
against the World Health Organization

973
00:41:38,360 --> 00:41:43,570
the United Nations Barack Obama a member

974
00:41:42,199 --> 00:41:46,159
of the Rockefeller and Rothschild

975
00:41:43,570 --> 00:41:49,850
families and other members of a

976
00:41:46,159 --> 00:41:52,579
worldwide Illuminati and Jane alleges

977
00:41:49,849 --> 00:41:54,860
that bird flu and swine flu have been

978
00:41:52,579 --> 00:41:56,869
developed in laboratories and released

979
00:41:54,860 --> 00:42:00,470
onto the public with the aim of mass

980
00:41:56,869 --> 00:42:02,809
murder through vaccination now

981
00:42:00,469 --> 00:42:05,269
apparently the overall aim of the

982
00:42:02,809 --> 00:42:08,210
Illuminati is to transfer control of the

983
00:42:05,269 --> 00:42:11,150
United States to the United Nations and

984
00:42:08,210 --> 00:42:13,070
affiliated security forces such as UN

985
00:42:11,150 --> 00:42:16,880
troops from countries such as China

986
00:42:13,070 --> 00:42:19,100
Canada the UK and Mexico now Jane

987
00:42:16,880 --> 00:42:21,410
Burgermeister has said that there is

988
00:42:19,099 --> 00:42:23,809
proof that many organizations such as

989
00:42:21,409 --> 00:42:25,699
the who the UN as well as the big

990
00:42:23,809 --> 00:42:28,699
pharmaceutical companies Baxter and

991
00:42:25,699 --> 00:42:31,789
Novartis a part of a single system under

992
00:42:28,699 --> 00:42:33,859
the control of a core criminal group who

993
00:42:31,789 --> 00:42:35,559
give the strategic leadership and who

994
00:42:33,860 --> 00:42:38,329
have also funded the development

995
00:42:35,559 --> 00:42:40,639
manufacture and release of artificial

996
00:42:38,329 --> 00:42:43,579
viruses in order to justify mass

997
00:42:40,639 --> 00:42:45,829
vaccinations with a bioweapons substance

998

00:42:43,579 --> 00:42:48,980
in order to eliminate the people of the

999
00:42:45,829 --> 00:42:52,549
USA and so gain control of the assets

1000
00:42:48,980 --> 00:42:54,619
resources etc of North America now

1001
00:42:52,550 --> 00:42:57,050
according to an entry posted last Sunday

1002
00:42:54,619 --> 00:42:59,599
on Merrill dories blog a cabal of

1003
00:42:57,050 --> 00:43:02,630
interbreeding families is seeking to

1004
00:42:59,599 --> 00:43:06,589
impose a global fascist dictatorship of

1005
00:43:02,630 --> 00:43:08,150
total human control now these families

1006
00:43:06,590 --> 00:43:11,780
include the Rockefellers and the

1007
00:43:08,150 --> 00:43:14,329
Rothschilds their vehicle is a secret

1008
00:43:11,780 --> 00:43:16,430
society network with operational

1009
00:43:14,329 --> 00:43:19,009
headquarters in Europe in places like

1010
00:43:16,429 --> 00:43:21,799
rome london paris brussels and berlin

1011
00:43:19,010 --> 00:43:23,510
now the Illuminati cable established

1012
00:43:21,800 --> 00:43:25,760

global bodies like the World Health

1013

00:43:23,510 --> 00:43:28,070

Organization the World Bank the World

1014

00:43:25,760 --> 00:43:30,710

Trade Organization all designed to

1015

00:43:28,070 --> 00:43:32,900

transfer power from the many to the few

1016

00:43:30,710 --> 00:43:35,210

and their goal is apparently a world

1017

00:43:32,900 --> 00:43:38,210

government a world central bank world

1018

00:43:35,210 --> 00:43:40,190

currency and a world army and

1019

00:43:38,210 --> 00:43:42,980

this web controls government's big

1020

00:43:40,190 --> 00:43:45,889

pharmaceuticals the who public health

1021

00:43:42,980 --> 00:43:48,260

protection agencies such as the CDC and

1022

00:43:45,889 --> 00:43:51,858

other protection agencies in the United

1023

00:43:48,260 --> 00:43:55,550

States in short they control the entire

1024

00:43:51,858 --> 00:43:57,588

medical system now according to Jane the

1025

00:43:55,550 --> 00:43:58,970

swine flu virus was created and released

1026

00:43:57,588 --> 00:44:00,920

with help from the rothschild

1027
00:43:58,969 --> 00:44:03,829
rockefeller-controlled World Health

1028
00:44:00,920 --> 00:44:05,740
Organization on top of the plan for

1029
00:44:03,829 --> 00:44:09,108
maths culling of the global population

1030
00:44:05,739 --> 00:44:12,289
the Illuminati also planned to microchip

1031
00:44:09,108 --> 00:44:14,088
every man woman and child the microchips

1032
00:44:12,289 --> 00:44:16,519
will be delivered as part of the

1033
00:44:14,088 --> 00:44:19,759
vaccination and will allow everyone to

1034
00:44:16,519 --> 00:44:22,329
be tracked 24 7 manipulated mentally

1035
00:44:19,760 --> 00:44:26,300
emotionally and physically but also

1036
00:44:22,329 --> 00:44:29,079
terminated when desired wow this is

1037
00:44:26,300 --> 00:44:31,430
pretty crazy stuff so just to reiterate

1038
00:44:29,079 --> 00:44:33,710
Barack Obama is the head of an

1039
00:44:31,429 --> 00:44:36,500
Illuminati planning to kill the entire

1040
00:44:33,710 --> 00:44:38,960
population of the world via a three

1041
00:44:36,500 --> 00:44:41,539
pronged vaccination program which will

1042
00:44:38,960 --> 00:44:43,130
also inject us with microchips with the

1043
00:44:41,539 --> 00:44:46,608
aim of controlling the entire population

1044
00:44:43,130 --> 00:44:48,950
and killing us in a pinch the Merrill

1045
00:44:46,608 --> 00:44:52,608
dori did this about conspiracy theories

1046
00:44:48,949 --> 00:44:54,889
quote while we are already seen as rabid

1047
00:44:52,608 --> 00:44:57,409
idiotic fringe dwellers by so many in

1048
00:44:54,889 --> 00:44:59,539
the mainstream it does our argument no

1049
00:44:57,409 --> 00:45:01,670
good at all to bring in conspiracy

1050
00:44:59,539 --> 00:45:05,329
theories which though we may subscribe

1051
00:45:01,670 --> 00:45:07,159
to them are unprovable another plot

1052
00:45:05,329 --> 00:45:10,329
designed to assist in this mass genocide

1053
00:45:07,159 --> 00:45:12,949
via spread of swine flu is chemtrails

1054
00:45:10,329 --> 00:45:14,690
now apparently chemtrails are being

1055

00:45:12,949 --> 00:45:17,509
sprayed to compromise the immune system

1056
00:45:14,690 --> 00:45:19,460
as a method for later large-scale

1057
00:45:17,510 --> 00:45:22,880
infection of the population with swine

1058
00:45:19,460 --> 00:45:25,730
flu apparently an aerosol precursor of

1059
00:45:22,880 --> 00:45:28,190
swine flu which is then activated when

1060
00:45:25,730 --> 00:45:29,900
it comes in contact with the vaccine has

1061
00:45:28,190 --> 00:45:31,730
been put into the air and almost

1062
00:45:29,900 --> 00:45:34,760
everyone has breathed it into their

1063
00:45:31,730 --> 00:45:37,190
lungs chemtrails apparently are now

1064
00:45:34,760 --> 00:45:39,140
being frequently sprayed at the hours of

1065
00:45:37,190 --> 00:45:41,510
three to five in the morning with the

1066
00:45:39,139 --> 00:45:44,690
specific intention of compromising the

1067
00:45:41,510 --> 00:45:46,580
immune system and apparently sensitive

1068
00:45:44,690 --> 00:45:50,720
people will react with sore throats and

1069
00:45:46,579 --> 00:45:51,500

flu-like symptoms wait flu-like symptoms

1070

00:45:50,719 --> 00:45:53,899

you

1071

00:45:51,500 --> 00:45:56,030

mean like swine flu symptoms does this

1072

00:45:53,900 --> 00:45:57,760

does this mean the Illuminati are

1073

00:45:56,030 --> 00:46:00,019

controlling these planes as well

1074

00:45:57,760 --> 00:46:01,940

spraying us with their manufactured by a

1075

00:46:00,019 --> 00:46:04,820

terrorism to make us all slaves to the

1076

00:46:01,940 --> 00:46:06,470

vaccine do you think the chemtrail

1077

00:46:04,820 --> 00:46:09,080

people know that the swine flu people

1078

00:46:06,469 --> 00:46:10,879

have infiltrated them hang on I live

1079

00:46:09,079 --> 00:46:13,069

under the flight path really really

1080

00:46:10,880 --> 00:46:15,680

close to the airport oh that's it

1081

00:46:13,070 --> 00:46:18,789

I've got to go find my element oh good

1082

00:46:15,679 --> 00:46:18,789

where's my only you have

1083

00:46:32,250 --> 00:46:36,699

hi I'm Jason and I'm Andrew from the

1084
00:46:35,139 --> 00:46:39,489
nonsense podcast bringing you a

1085
00:46:36,699 --> 00:46:41,289
skeptical overview of news religion and

1086
00:46:39,489 --> 00:46:43,119
all forms of pseudoscience we're

1087
00:46:41,289 --> 00:46:44,650
defending science and reason against the

1088
00:46:43,119 --> 00:46:46,480
onslaught of medical and spiritual

1089
00:46:44,650 --> 00:46:48,550
nonsense all week we are busy

1090
00:46:46,480 --> 00:46:51,219
researching and debunking pseudoscience

1091
00:46:48,550 --> 00:46:53,080
but on the seventh day we listened to

1092
00:46:51,219 --> 00:46:56,289
the skeptic zone check us out at

1093
00:46:53,079 --> 00:47:02,949
nonsense podcast libsyn com or search

1094
00:46:56,289 --> 00:47:05,949
for the nonsense podcast on itunes join

1095
00:47:02,949 --> 00:47:16,230
us now for drinking skeptically in the

1096
00:47:05,949 --> 00:47:18,519
think tank hello everybody clunk and

1097
00:47:16,230 --> 00:47:20,920
welcome again to the think tank i'll put

1098
00:47:18,519 --> 00:47:24,820
that carafe of wine down now I didn't

1099
00:47:20,920 --> 00:47:26,829
have a glass so I i'm actually using it

1100
00:47:24,820 --> 00:47:28,660
the clink that's all welcome again to

1101
00:47:26,829 --> 00:47:31,059
the think tank back in australia again

1102
00:47:28,659 --> 00:47:33,309
after our wonderful adventure in las

1103
00:47:31,059 --> 00:47:36,250
vegas which we went to discuss briefly

1104
00:47:33,309 --> 00:47:38,619
later on welcome to dr. rachy hi Richard

1105
00:47:36,250 --> 00:47:41,170
hello maybe a jet lag yet are you near

1106
00:47:38,619 --> 00:47:42,670
poor thing yeah I know it's tough this

1107
00:47:41,170 --> 00:47:44,740
international travel Iran's they give

1108
00:47:42,670 --> 00:47:46,510
are you over your jet lag what it like I

1109
00:47:44,739 --> 00:47:49,809
didn't have time to act it like ah there

1110
00:47:46,510 --> 00:47:59,500
you go Diane hello hi huge on over my

1111
00:47:49,809 --> 00:48:01,329
jet lag Joanne benim ooh hello Joanne I

1112

00:47:59,500 --> 00:48:02,800
which are you over your jet lag well you

1113
00:48:01,329 --> 00:48:05,019
know I travel from the other side of the

1114
00:48:02,800 --> 00:48:08,130
bridge to get here every every week so

1115
00:48:05,019 --> 00:48:11,550
you know I'm jet-lagged by the time I

1116
00:48:08,130 --> 00:48:13,950
very good now before I start a little

1117
00:48:11,550 --> 00:48:16,150
play I'll put out we're currently

1118
00:48:13,949 --> 00:48:18,189
collating some of the best interviews

1119
00:48:16,150 --> 00:48:20,289
from the skeptic zone weekend producing

1120
00:48:18,190 --> 00:48:22,720
a book which people can download or buy

1121
00:48:20,289 --> 00:48:24,909
from Lulu eventually if you'd like to

1122
00:48:22,719 --> 00:48:26,379
help us with that we need some people to

1123
00:48:24,909 --> 00:48:27,639
help transcribe some of the interviews

1124
00:48:26,380 --> 00:48:29,829
we've got a lot of help already but

1125
00:48:27,639 --> 00:48:32,230
there's quite a bit to do drop me a line

1126
00:48:29,829 --> 00:48:33,469

Richard at skeptic zone TV and in the

1127

00:48:32,230 --> 00:48:36,349
subject line

1128

00:48:33,469 --> 00:48:38,118
just put the word transcript and if you

1129

00:48:36,349 --> 00:48:40,250
can help us out we'll give you credit in

1130

00:48:38,119 --> 00:48:41,900
the book when it comes out we only need

1131

00:48:40,250 --> 00:48:43,699
people still about five minutes 25

1132

00:48:41,900 --> 00:48:45,019
minutes some people volunteered to do

1133

00:48:43,699 --> 00:48:47,000
whole interviews or 10 minutes so

1134

00:48:45,019 --> 00:48:50,809
whatever you can do would really

1135

00:48:47,000 --> 00:48:52,190
appreciate it there goes the machine in

1136

00:48:50,809 --> 00:48:53,949
the corner over there washing some

1137

00:48:52,190 --> 00:48:57,369
glasses I think here in the club and

1138

00:48:53,949 --> 00:49:00,710
also i'll quickly mention don't forget

1139

00:48:57,369 --> 00:49:02,358
in november this year in brisbane we

1140

00:49:00,710 --> 00:49:04,970
have the australian skeptics National

1141
00:49:02,358 --> 00:49:09,940
Convention and they've called that

1142
00:49:04,969 --> 00:49:12,649
breeze skeptic come on Brit skepticon

1143
00:49:09,940 --> 00:49:14,780
2009 that fast Richard I'm not going to

1144
00:49:12,650 --> 00:49:22,809
say it fun just give to come 2009 policy

1145
00:49:14,780 --> 00:49:25,340
Thank You Rachel that's the numbing alum

1146
00:49:22,809 --> 00:49:28,279
it's a lady walking paths with a plate

1147
00:49:25,340 --> 00:49:31,250
of food and she's beeping oh no Meah

1148
00:49:28,280 --> 00:49:32,930
lambda by now if you'd like to find out

1149
00:49:31,250 --> 00:49:37,460
more about the Australian skeptics

1150
00:49:32,929 --> 00:49:39,769
National Convention Brisbane at 26 27

1151
00:49:37,460 --> 00:49:42,970
and 28 or at least that around that time

1152
00:49:39,769 --> 00:49:47,000
november this year please go to ww

1153
00:49:42,969 --> 00:49:48,949
skeptics Comte you and find out more

1154
00:49:47,000 --> 00:49:50,780
about our national convention won't that

1155
00:49:48,949 --> 00:49:53,569
be exciting dr. AG it will be exciting

1156
00:49:50,780 --> 00:49:55,430
cuz I'm doing a talk and I think you and

1157
00:49:53,570 --> 00:49:57,859
I are doing something for the Zoners

1158
00:49:55,429 --> 00:49:59,000
probably absolutely yeah yeah dr. Karl

1159
00:49:57,858 --> 00:50:01,670
cruising whiskey is going to be there

1160
00:49:59,000 --> 00:50:03,559
here's yes Carl's great yeah he's doing

1161
00:50:01,670 --> 00:50:05,750
in the keynote speech Ashley homeless

1162
00:50:03,559 --> 00:50:07,969
Saturday so yeah should be great fun and

1163
00:50:05,750 --> 00:50:10,130
a big thank you to dr. Rob Morrison who

1164
00:50:07,969 --> 00:50:12,259
came to speak to us here in Sydney just

1165
00:50:10,130 --> 00:50:14,510
this last weekend I love rob morris

1166
00:50:12,260 --> 00:50:15,950
wasn't he great so fantastic we

1167
00:50:14,510 --> 00:50:17,450
interviewed him a few months ago he's

1168
00:50:15,949 --> 00:50:19,909
the guy from the curiosity show of

1169

00:50:17,449 --> 00:50:22,219
course have a whole talk about optical

1170
00:50:19,909 --> 00:50:24,679
illusions it was actually really

1171
00:50:22,219 --> 00:50:26,269
interesting talk it was also that he had

1172
00:50:24,679 --> 00:50:29,809
a fair bit of information about the

1173
00:50:26,269 --> 00:50:32,539
physiology behind illusions or in fact

1174
00:50:29,809 --> 00:50:33,920
how they work most on physiology looking

1175
00:50:32,539 --> 00:50:37,088
at the colors that the rods and cones

1176
00:50:33,920 --> 00:50:39,500
pick up in your eyes and exploiting that

1177
00:50:37,088 --> 00:50:42,289
224 Malaysians and he did quite a few

1178
00:50:39,500 --> 00:50:43,670
illusions on us where he have his

1179
00:50:42,289 --> 00:50:45,380
powerpoint presentation and show

1180
00:50:43,670 --> 00:50:47,269
something on the screen and get us to

1181
00:50:45,380 --> 00:50:48,919
stare until is it we exhaust

1182
00:50:47,268 --> 00:50:51,528
parts of our eyes and then flick to

1183
00:50:48,918 --> 00:50:53,748

another blank slide and you'd see

1184
00:50:51,528 --> 00:50:55,458
something on back of your retina colors

1185
00:50:53,748 --> 00:50:57,738
would change really amazing stuff me

1186
00:50:55,458 --> 00:51:00,228
what I found most fascinating about this

1187
00:50:57,739 --> 00:51:03,019
talk was that you know we have usually

1188
00:51:00,228 --> 00:51:05,268
the skeptics dinners we have one dinner

1189
00:51:03,018 --> 00:51:08,358
a year whether it's magicians there were

1190
00:51:05,268 --> 00:51:10,908
more booze and arms it was show any of

1191
00:51:08,358 --> 00:51:12,679
the magic shows that there was and it

1192
00:51:10,909 --> 00:51:15,769
was there were a few kids in the in the

1193
00:51:12,679 --> 00:51:18,199
audience and he was a wonderful to see

1194
00:51:15,768 --> 00:51:20,568
how he explains at a level at a very

1195
00:51:18,199 --> 00:51:23,269
high level the level where requires

1196
00:51:20,568 --> 00:51:25,728
understanding physiology yet was it was

1197
00:51:23,268 --> 00:51:27,379
well enough phrased it was it was done

1198
00:51:25,728 --> 00:51:30,618
in a way which they which the kids

1199
00:51:27,380 --> 00:51:33,349
probably early early teens who found

1200
00:51:30,619 --> 00:51:36,798
very easy to relate absolutely now we've

1201
00:51:33,349 --> 00:51:39,229
had a little talk and at this stage of

1202
00:51:36,798 --> 00:51:42,918
the game were hopeful that we can ask

1203
00:51:39,228 --> 00:51:46,458
dr. Rob to come and speak for us at our

1204
00:51:42,918 --> 00:51:48,018
convention next year 2010 2010 when and

1205
00:51:46,458 --> 00:51:50,268
will certainly be letting everybody know

1206
00:51:48,018 --> 00:51:51,948
a lot more about that very exciting

1207
00:51:50,268 --> 00:51:53,388
convention but it's a bit of a long way

1208
00:51:51,949 --> 00:51:54,979
off at them and it's the one with su

1209
00:51:53,389 --> 00:51:56,959
we've definitely got yes we definitely

1210
00:51:54,978 --> 00:51:58,818
got s to you and this we probably hope

1211
00:51:56,958 --> 00:52:00,558
to announce some very big news about

1212
00:51:58,818 --> 00:52:02,838
that before long but don't worry

1213
00:52:00,559 --> 00:52:05,599
everybody you've got worried about a

1214
00:52:02,838 --> 00:52:09,259
year and a half to save up to come to

1215
00:52:05,599 --> 00:52:11,329
Australia and it'll be fantastic now let

1216
00:52:09,259 --> 00:52:16,068
me switch over to you Joe because I know

1217
00:52:11,329 --> 00:52:17,869
you've got a fistful of pages there yes

1218
00:52:16,068 --> 00:52:19,880
I picked up a few bits and pieces over

1219
00:52:17,869 --> 00:52:21,798
their lust well actually it hasn't been

1220
00:52:19,880 --> 00:52:23,358
very well what's amazing how much stuff

1221
00:52:21,798 --> 00:52:27,648
you can find out there in a matter of

1222
00:52:23,358 --> 00:52:31,699
days yeah well got a few things actually

1223
00:52:27,648 --> 00:52:33,278
one of them I've come from America but I

1224
00:52:31,699 --> 00:52:35,509
thought it was quite timely because

1225
00:52:33,278 --> 00:52:37,099
health care reform something that's

1226

00:52:35,509 --> 00:52:40,338
quite topical here in Australia at the

1227
00:52:37,099 --> 00:52:42,380
moment and I thought it was quite

1228
00:52:40,338 --> 00:52:45,139
interesting the Boston Globe and the

1229
00:52:42,380 --> 00:52:47,749
Wall Street Journal had both published a

1230
00:52:45,139 --> 00:52:50,599
couple of articles about some a bill

1231
00:52:47,748 --> 00:52:53,148
that's being proposed by a Democratic

1232
00:52:50,599 --> 00:52:58,059
senator by the name of Tom Harkin from

1233
00:52:53,148 --> 00:53:00,440
Iowa he's putting forward a bill to

1234
00:52:58,059 --> 00:53:03,230
prevent discrimination

1235
00:53:00,440 --> 00:53:07,010
of alternative health practitioners by

1236
00:53:03,230 --> 00:53:09,108
insurance companies in other words at

1237
00:53:07,010 --> 00:53:11,079
present and I think I think we've got a

1238
00:53:09,108 --> 00:53:13,309
fairly similar system here at present

1239
00:53:11,079 --> 00:53:15,920
people like chiropractors and

1240
00:53:13,309 --> 00:53:17,869

acupuncturists and so on get a certain

1241

00:53:15,920 --> 00:53:19,068

amount of coverage under yeah under

1242

00:53:17,869 --> 00:53:20,960

health insurance and what they're

1243

00:53:19,068 --> 00:53:22,730

proposing is that there would be the

1244

00:53:20,960 --> 00:53:25,429

equivalent coverage given to these

1245

00:53:22,730 --> 00:53:28,670

practitioners as medical doctors would

1246

00:53:25,429 --> 00:53:30,649

be getting and I just think this is

1247

00:53:28,670 --> 00:53:33,079

quite worrying and in fact what was

1248

00:53:30,650 --> 00:53:35,630

great was that dr. Harriet Hall who some

1249

00:53:33,079 --> 00:53:37,670

people might not from yes get doc who

1250

00:53:35,630 --> 00:53:40,430

some people might know saw her in Las

1251

00:53:37,670 --> 00:53:42,559

Vegas I lovely lady like she would have

1252

00:53:40,429 --> 00:53:45,710

been in town she's quoted in the article

1253

00:53:42,559 --> 00:53:47,449

and she says that she's concede that LLL

1254

00:53:45,710 --> 00:53:49,159

inform members of Congress will elevate

1255
00:53:47,449 --> 00:53:52,219
practitioners of alternative medicine to

1256
00:53:49,159 --> 00:53:55,578
the same level as medical doctors and as

1257
00:53:52,219 --> 00:53:57,019
we have often said in other way she says

1258
00:53:55,579 --> 00:53:59,440
if we were shown to be truly effective

1259
00:53:57,019 --> 00:54:02,179
it would be part of regular medicine and

1260
00:53:59,440 --> 00:54:04,250
that's something that you know is really

1261
00:54:02,179 --> 00:54:07,489
a great concern and I think we should

1262
00:54:04,250 --> 00:54:09,318
really be aware of similar things that

1263
00:54:07,489 --> 00:54:10,969
could potentially happen here in

1264
00:54:09,318 --> 00:54:14,568
Australia absolute motivation for this

1265
00:54:10,969 --> 00:54:18,259
well i'm not mistaken Senator Harkin has

1266
00:54:14,568 --> 00:54:20,509
has already been being the initiator of

1267
00:54:18,260 --> 00:54:22,220
other piece of legislation around that

1268
00:54:20,510 --> 00:54:24,589
is not for summer remember hearing his

1269
00:54:22,219 --> 00:54:27,019
name mm-hmm the past with relation that

1270
00:54:24,588 --> 00:54:29,358
he's obviously a true believer days what

1271
00:54:27,019 --> 00:54:33,108
an agenda yeah he historically has

1272
00:54:29,358 --> 00:54:34,789
pushed this kind of bill before and did

1273
00:54:33,108 --> 00:54:37,730
where did you discover this information

1274
00:54:34,789 --> 00:54:40,579
well this came from the Boston Boston

1275
00:54:37,730 --> 00:54:42,139
Globe website which is Boston calm and

1276
00:54:40,579 --> 00:54:44,089
there's also another one from the wall

1277
00:54:42,139 --> 00:54:45,799
street journal as well right and so

1278
00:54:44,088 --> 00:54:47,690
there's a couple of news outlets that

1279
00:54:45,800 --> 00:54:49,400
are talking about it but I mean it's

1280
00:54:47,690 --> 00:54:50,539
really there's such a big health care

1281
00:54:49,400 --> 00:54:54,470
reform going on in the States at the

1282
00:54:50,539 --> 00:54:57,349
moment and you know the the agenda that

1283

00:54:54,469 --> 00:54:59,838
that will let the agenda the the the the

1284
00:54:57,349 --> 00:55:03,019
theme they're pushing this along with is

1285
00:54:59,838 --> 00:55:04,489
that by covering alternative therapies

1286
00:55:03,019 --> 00:55:06,500
that it will somehow relieve the burden

1287
00:55:04,489 --> 00:55:08,659
of convention that conventional medicine

1288
00:55:06,500 --> 00:55:11,358
is placing the financial burden that

1289
00:55:08,659 --> 00:55:12,980
conventional medicine takes up that

1290
00:55:11,358 --> 00:55:13,940
somehow they will be saving tens of

1291
00:55:12,980 --> 00:55:15,829
billions of dollars

1292
00:55:13,940 --> 00:55:17,900
by covering alternative therapies

1293
00:55:15,829 --> 00:55:19,730
instead of conventional remedy

1294
00:55:17,900 --> 00:55:22,338
conventional therapies I think it'll

1295
00:55:19,730 --> 00:55:26,480
actually d values those professions and

1296
00:55:22,338 --> 00:55:30,078
physiotherapists exactly really do value

1297
00:55:26,480 --> 00:55:31,219

hmm hmm you know something a little bit

1298

00:55:30,079 --> 00:55:33,349
about that Diane I guess in your

1299

00:55:31,219 --> 00:55:34,789
possession especially with oh my

1300

00:55:33,349 --> 00:55:37,280
registered physiotherapist in New South

1301

00:55:34,789 --> 00:55:42,199
Wales and when I interrupt my back's

1302

00:55:37,280 --> 00:55:44,119
much better now I think that when a

1303

00:55:42,199 --> 00:55:47,299
chiropractor and a physiotherapist have

1304

00:55:44,119 --> 00:55:50,358
the same insurance in the same level of

1305

00:55:47,300 --> 00:55:53,539
I guess responsibility and registration

1306

00:55:50,358 --> 00:55:55,009
it shows that that they are very similar

1307

00:55:53,539 --> 00:55:56,690
in a way and they're not because

1308

00:55:55,010 --> 00:55:58,359
physiotherapist focus a lot more on

1309

00:55:56,690 --> 00:56:01,010
evidence-based medicine and treatment

1310

00:55:58,358 --> 00:56:04,880
modalities impaired to chiropractors I

1311

00:56:01,010 --> 00:56:06,380
think in the population is then they

1312
00:56:04,880 --> 00:56:08,450
also seen as equal whereas I think

1313
00:56:06,380 --> 00:56:10,250
they're not but actually I don't think

1314
00:56:08,449 --> 00:56:14,269
that they have the same responsibilities

1315
00:56:10,250 --> 00:56:17,119
I think they will have the same benefits

1316
00:56:14,269 --> 00:56:18,559
of being able to claim for the patients

1317
00:56:17,119 --> 00:56:20,599
to be able to claim from insurance but I

1318
00:56:18,559 --> 00:56:23,838
think in terms of the responsibilities

1319
00:56:20,599 --> 00:56:26,150
um I don't think they are the same I'm

1320
00:56:23,838 --> 00:56:28,250
not sure insurance claims against

1321
00:56:26,150 --> 00:56:29,568
chiropractors or other alternative

1322
00:56:28,250 --> 00:56:32,179
practitioners will be treated in the

1323
00:56:29,568 --> 00:56:37,460
same way hmm it's not a level playing

1324
00:56:32,179 --> 00:56:40,909
field at all no it's not it's like what

1325
00:56:37,460 --> 00:56:43,490
Simon Singh says you have to actually be

1326
00:56:40,909 --> 00:56:45,259
registered to treat animals in the hay

1327
00:56:43,489 --> 00:56:47,209
but if you want to turn humans you can

1328
00:56:45,260 --> 00:56:49,700
just put up a post on your door tomorrow

1329
00:56:47,210 --> 00:56:53,300
and there's no problem exactly and in

1330
00:56:49,699 --> 00:56:56,389
fact you know in in in Simon Singh and

1331
00:56:53,300 --> 00:56:58,640
Ed's out its excellent book trick or

1332
00:56:56,389 --> 00:57:03,199
treatment they talked extensively about

1333
00:56:58,639 --> 00:57:06,529
the the issues of evidence and the fact

1334
00:57:03,199 --> 00:57:08,750
that you know what a person may pay for

1335
00:57:06,530 --> 00:57:10,099
treatment from an alternative health

1336
00:57:08,750 --> 00:57:14,480
practitioner where what they're getting

1337
00:57:10,099 --> 00:57:18,010
is effectively placebo can often run

1338
00:57:14,480 --> 00:57:21,679
into you know thousands of dollars and

1339
00:57:18,010 --> 00:57:23,150
you know using a financial incentive to

1340

00:57:21,679 --> 00:57:26,239
back something like this I don't think

1341
00:57:23,150 --> 00:57:27,349
is valid at all just you've just

1342
00:57:26,239 --> 00:57:28,939
reminded me actually

1343
00:57:27,349 --> 00:57:32,569
chillin Simon Singh this amuse about

1344
00:57:28,940 --> 00:57:33,980
Simon Singh Rachel yes people who know

1345
00:57:32,570 --> 00:57:36,410
about the British Chiropractic

1346
00:57:33,980 --> 00:57:38,360
Association suing Simon for libel will

1347
00:57:36,409 --> 00:57:39,710
know that it was the whole case is based

1348
00:57:38,360 --> 00:57:42,170
around an article he wrote in The

1349
00:57:39,710 --> 00:57:45,530
Guardian called beware the spinal trap

1350
00:57:42,170 --> 00:57:47,389
back in 2008 and this is what catalyzed

1351
00:57:45,530 --> 00:57:50,840
the whole series of events that has now

1352
00:57:47,389 --> 00:57:54,069
led to Simon appealing the case on the

1353
00:57:50,840 --> 00:57:58,519
twenty-ninth of July sense about science

1354
00:57:54,070 --> 00:58:00,080

decided to repost the article from The

1355

00:57:58,519 --> 00:58:02,630

Guardian with the libelous sentence

1356

00:58:00,079 --> 00:58:07,420

removed and they've organized a campaign

1357

00:58:02,630 --> 00:58:09,920

with what sorry alleged Lyme incentives

1358

00:58:07,420 --> 00:58:11,450

they organized a campaign whereby they

1359

00:58:09,920 --> 00:58:13,190

emailed lots and lots of bloggers from

1360

00:58:11,449 --> 00:58:15,939

around the globe and they put an embargo

1361

00:58:13,190 --> 00:58:22,070

on the reprinting of the article until

1362

00:58:15,940 --> 00:58:25,159

0001 2907 and so now you're able to read

1363

00:58:22,070 --> 00:58:27,019

it anywhere you like if you just google

1364

00:58:25,159 --> 00:58:30,489

it i know that i've blogged it on

1365

00:58:27,019 --> 00:58:33,050

skeptics book around it on the on this

1366

00:58:30,489 --> 00:58:34,609

skeptics condo to you website yes well

1367

00:58:33,050 --> 00:58:36,830

there's a limited you know there is

1368

00:58:34,610 --> 00:58:40,039

indeed in fact there's a link to your

1369
00:58:36,829 --> 00:58:41,840
blog is that okay yeah yeah yep so

1370
00:58:40,039 --> 00:58:43,190
people can read easily is it will appear

1371
00:58:41,840 --> 00:58:45,890
everywhere everywhere will be everywhere

1372
00:58:43,190 --> 00:58:47,539
yeah and this is I think you know a

1373
00:58:45,889 --> 00:58:49,639
little bit about this too but I think it

1374
00:58:47,539 --> 00:58:51,349
was just done so that people could

1375
00:58:49,639 --> 00:58:53,389
actually see what it was that they

1376
00:58:51,349 --> 00:58:56,389
catalyze the campaign is that right yes

1377
00:58:53,389 --> 00:58:57,949
and there's some argument that it might

1378
00:58:56,389 --> 00:59:00,980
have been okay to actually publish the

1379
00:58:57,949 --> 00:59:03,699
original article that they could have

1380
00:59:00,980 --> 00:59:08,210
called it could have harmed Simon's news

1381
00:59:03,699 --> 00:59:09,889
also it was decided to put slightly

1382
00:59:08,210 --> 00:59:12,590
edited the modifications are very small

1383
00:59:09,889 --> 00:59:14,599
yeah it's essentially the same article

1384
00:59:12,590 --> 00:59:16,519
yeah oh it's not only one sentence

1385
00:59:14,599 --> 00:59:17,750
that's been removed but these it's quite

1386
00:59:16,519 --> 00:59:20,000
short though the articles is

1387
00:59:17,750 --> 00:59:23,260
surprisingly short it's always it's as

1388
00:59:20,000 --> 00:59:23,260
long as the evidence yeah

1389
00:59:28,099 --> 00:59:35,190
alright so listeners can go to skeptics

1390
00:59:30,840 --> 00:59:37,710
com au or indeed if they look up or

1391
00:59:35,190 --> 00:59:40,019
skeptics book calm skeptics book.com all

1392
00:59:37,710 --> 00:59:42,630
again I link to me many many different

1393
00:59:40,019 --> 00:59:44,759
places all right we'll cross over to the

1394
00:59:42,630 --> 00:59:47,039
other side of the table with Joe shuffle

1395
00:59:44,760 --> 00:59:49,530
your papers and you come up with another

1396
00:59:47,039 --> 00:59:51,329
fascinating story but this this is

1397

00:59:49,530 --> 00:59:52,380
actually funnily enough many of the

1398
00:59:51,329 --> 00:59:54,960
things I've been looking at recently

1399
00:59:52,380 --> 00:59:58,260
have been prompted by the book trick or

1400
00:59:54,960 --> 01:00:03,358
treatment and one of them was the issue

1401
00:59:58,260 --> 01:00:06,990
of university education and I came

1402
01:00:03,358 --> 01:00:08,969
across this article about a medical one

1403
01:00:06,989 --> 01:00:11,689
of the medical degrees in the UK and

1404
01:00:08,969 --> 01:00:15,598
this is actually published in the

1405
01:00:11,690 --> 01:00:17,460
homeopathy journal this year and it's

1406
01:00:15,599 --> 01:00:19,380
called in at the deep end and intensive

1407
01:00:17,460 --> 01:00:22,800
foundation training and homeopathy for

1408
01:00:19,380 --> 01:00:25,079
medical students and one of the

1409
01:00:22,800 --> 01:00:29,640
universities in the UK the University of

1410
01:00:25,079 --> 01:00:33,150
Bristol as part of their curriculum for

1411
01:00:29,639 --> 01:00:36,019

their medical students carry appear what

1412

01:00:33,150 --> 01:00:39,059

they're reporting on in this article is

1413

01:00:36,019 --> 01:00:42,059

seventy-five percent of their curriculum

1414

01:00:39,059 --> 01:00:44,190

time is spent on medical training and

1415

01:00:42,059 --> 01:00:47,338

twenty five percent is on effectively

1416

01:00:44,190 --> 01:00:49,650

electives and this particular article is

1417

01:00:47,338 --> 01:00:51,599

about an elective which they are

1418

01:00:49,650 --> 01:00:53,760

providing in homeopathic medicine as

1419

01:00:51,599 --> 01:00:55,470

part of a medical degree and hope you

1420

01:00:53,760 --> 01:00:58,500

perfectly homeopathic medicine whatever

1421

01:00:55,469 --> 01:01:02,189

and I Mia pathak medicine strikes me as

1422

01:00:58,500 --> 01:01:04,920

and that's good Leslie that's what we

1423

01:01:02,190 --> 01:01:09,358

get is an oxymoron yeah exactly um

1424

01:01:04,920 --> 01:01:10,889

anyway they had they were really that in

1425

01:01:09,358 --> 01:01:13,679

writing this article they were talking

1426
01:01:10,889 --> 01:01:16,889
about education and and a lot of it was

1427
01:01:13,679 --> 01:01:20,419
just about education models but what was

1428
01:01:16,889 --> 01:01:22,259
I guess worrying was that there were

1429
01:01:20,420 --> 01:01:26,430
they've run it over a number of years

1430
01:01:22,260 --> 01:01:30,089
and they they got these medical students

1431
01:01:26,429 --> 01:01:31,889
to write Diaries about their experiences

1432
01:01:30,088 --> 01:01:34,320
and I have to say that you know in

1433
01:01:31,889 --> 01:01:36,829
reading about whom it the sort of

1434
01:01:34,320 --> 01:01:36,830
homeopathic

1435
01:01:37,559 --> 01:01:44,529
what's the word nonsense I'm struggling

1436
01:01:42,429 --> 01:01:47,259
to haul but with enough word your boy oh

1437
01:01:44,530 --> 01:01:48,460
yeah just everything dissemination up

1438
01:01:47,260 --> 01:01:50,260
everything that's the basis of

1439
01:01:48,460 --> 01:01:52,630
homeopathy and we're in reading about

1440
01:01:50,260 --> 01:01:54,910
that I felt like I was I actually felt a

1441
01:01:52,630 --> 01:01:58,000
bit bonkers but doesn't it don't they

1442
01:01:54,909 --> 01:01:59,710
use like scientific words no they don't

1443
01:01:58,000 --> 01:02:01,900
you solve even guys we're not in

1444
01:01:59,710 --> 01:02:04,269
scientific words that best sort of bet

1445
01:02:01,900 --> 01:02:06,160
then just feel like made up words yeah

1446
01:02:04,269 --> 01:02:12,190
well I made up a lot of things on it oh

1447
01:02:06,159 --> 01:02:15,190
god Samuel Hahnemann see really big

1448
01:02:12,190 --> 01:02:16,840
fallen what are you doing here Samuel

1449
01:02:15,190 --> 01:02:20,559
well I just thought I tell you I made up

1450
01:02:16,840 --> 01:02:23,380
on these ribs and it has a good fan of

1451
01:02:20,559 --> 01:02:27,570
the time I feel like a really sort of

1452
01:02:23,380 --> 01:02:29,950
high fantasy i feel it's quite strange

1453
01:02:27,570 --> 01:02:33,160
that's not in your favorite so you'll do

1454

01:02:29,949 --> 01:02:36,669
you like the cafeteria medic I put all

1455
01:02:33,159 --> 01:02:38,469
these roads into a high I mix them up

1456
01:02:36,670 --> 01:02:47,769
and I took the matter since the cash you

1457
01:02:38,469 --> 01:02:49,029
know that's a good one anyway there's a

1458
01:02:47,769 --> 01:02:52,050
couple of quotes from some of the

1459
01:02:49,030 --> 01:02:57,340
medical students who did this course and

1460
01:02:52,050 --> 01:03:00,130
one of them says let me find the right

1461
01:02:57,340 --> 01:03:01,630
quote my opinion has been changed

1462
01:03:00,130 --> 01:03:03,610
dramatically on our field at homeopathy

1463
01:03:01,630 --> 01:03:06,490
has a large role to play in health care

1464
01:03:03,610 --> 01:03:08,410
I feel that it is a shame that it has so

1465
01:03:06,489 --> 01:03:10,959
much attack when it is beneficial for

1466
01:03:08,409 --> 01:03:12,579
many and then another one says even if

1467
01:03:10,960 --> 01:03:14,079
the tablets have no effect in the power

1468
01:03:12,579 --> 01:03:15,940

of homeopathy lies solely in the

1469

01:03:14,079 --> 01:03:17,799
consultation process this is only

1470

01:03:15,940 --> 01:03:19,869
testimony to the power of human kindness

1471

01:03:17,800 --> 01:03:21,519
and not something to be taken lightly or

1472

01:03:19,869 --> 01:03:24,519
dismissed in a randomized controlled

1473

01:03:21,519 --> 01:03:26,679
trial I wish the species diana's the

1474

01:03:24,519 --> 01:03:28,570
nervous isn't about you and he's about

1475

01:03:26,679 --> 01:03:33,429
to faint she's gone my niche has gone

1476

01:03:28,570 --> 01:03:36,330
bright reddish you might be Steve Steve

1477

01:03:33,429 --> 01:03:39,250
novella spoke about this trial for

1478

01:03:36,329 --> 01:03:40,799
acupuncture did you get visit his

1479

01:03:39,250 --> 01:03:43,469
workshop on

1480

01:03:40,800 --> 01:03:47,760
alternative medicine peaked he was full

1481

01:03:43,469 --> 01:03:53,399
yeah went for about an hour used abused

1482

01:03:47,760 --> 01:03:55,500
my press pass and user press but so that

1483
01:03:53,400 --> 01:03:57,809
he was talking about he was talking

1484
01:03:55,500 --> 01:03:59,730
about this study that was done about

1485
01:03:57,809 --> 01:04:02,369
acupuncture we're basically they showed

1486
01:03:59,730 --> 01:04:04,769
that acupuncture real acupuncture is

1487
01:04:02,369 --> 01:04:10,109
such a thing sham acupuncture which is

1488
01:04:04,769 --> 01:04:13,500
done by using basically using pins but

1489
01:04:10,110 --> 01:04:16,920
that do not penetrate the skin yeah and

1490
01:04:13,500 --> 01:04:20,880
another okay acupuncture that uses it

1491
01:04:16,920 --> 01:04:23,220
would do a random look at other places

1492
01:04:20,880 --> 01:04:24,869
and there was also one controller it was

1493
01:04:23,219 --> 01:04:26,849
generally they did had nothing and they

1494
01:04:24,869 --> 01:04:29,369
basically all of the groups that had

1495
01:04:26,849 --> 01:04:31,589
some kind of treatment it would did

1496
01:04:29,369 --> 01:04:34,949
better than the control group and they

1497
01:04:31,590 --> 01:04:37,980
did same so basically you know it was

1498
01:04:34,949 --> 01:04:39,839
Masebo quite clearly placebo yeah but

1499
01:04:37,980 --> 01:04:43,949
the way came out from the researchers

1500
01:04:39,840 --> 01:04:46,260
was that even sham even shall like you

1501
01:04:43,949 --> 01:04:49,409
better works like the Occupy she is so

1502
01:04:46,260 --> 01:04:51,870
good even shower let's say so it's nice

1503
01:04:49,409 --> 01:04:53,009
and you know you can but although I

1504
01:04:51,869 --> 01:04:56,009
agree young me up with is different

1505
01:04:53,010 --> 01:04:57,960
because we do need homeopathy oh my god

1506
01:04:56,010 --> 01:05:00,540
it's cheaper than normal men because

1507
01:04:57,960 --> 01:05:02,400
we've seventy percent water so yeah are

1508
01:05:00,539 --> 01:05:07,130
we doing a you're right we didn't drink

1509
01:05:02,400 --> 01:05:09,269
yeah oh speaking of which Cheers mm-hmm

1510
01:05:07,130 --> 01:05:11,039
actually that's interesting Joe because

1511

01:05:09,269 --> 01:05:13,860
i was sent an article today by a

1512
01:05:11,039 --> 01:05:16,170
listener in fact about the use of

1513
01:05:13,860 --> 01:05:17,849
alternative therapies in conjunction

1514
01:05:16,170 --> 01:05:20,460
with conventional medicine it was this

1515
01:05:17,849 --> 01:05:23,699
is from the advertiser from july the

1516
01:05:20,460 --> 01:05:26,820
29th few days ago where's the advertiser

1517
01:05:23,699 --> 01:05:28,319
it's in a delay it alone yes i listened

1518
01:05:26,820 --> 01:05:30,539
it by the name of clinton sent meters

1519
01:05:28,320 --> 01:05:32,970
today it's entitled therapies of what

1520
01:05:30,539 --> 01:05:34,559
the doctor ordered and it's saying that

1521
01:05:32,969 --> 01:05:36,869
there are now cancer doctors that are

1522
01:05:34,559 --> 01:05:38,099
urging patience to take up complementary

1523
01:05:36,869 --> 01:05:40,889
medicines in addition to their

1524
01:05:38,099 --> 01:05:42,690
conventional treatment and this is

1525
01:05:40,889 --> 01:05:44,670

because they say that these soothing

1526

01:05:42,690 --> 01:05:46,550

therapies are said to help with side

1527

01:05:44,670 --> 01:05:50,760

effects such as pain nausea vomiting

1528

01:05:46,550 --> 01:05:52,590

fatigue and psychological distress and

1529

01:05:50,760 --> 01:05:55,310

yeah a nun help with over

1530

01:05:52,590 --> 01:05:58,110

what's that side effects cold this

1531

01:05:55,309 --> 01:05:59,699

doesn't help with that no I know that

1532

01:05:58,110 --> 01:06:01,110

marijuana is actually very effective so

1533

01:05:59,699 --> 01:06:03,089

you can't actually prescribe marijuana

1534

01:06:01,110 --> 01:06:06,440

because to leave the drug but you can

1535

01:06:03,090 --> 01:06:09,420

prescribe homeopathy which doesn't work

1536

01:06:06,440 --> 01:06:12,030

that's pretty screwed assess the

1537

01:06:09,420 --> 01:06:14,460

efficacy for marijuana with nausea is

1538

01:06:12,030 --> 01:06:17,269

really strong that the evidence is

1539

01:06:14,460 --> 01:06:20,909

really strong yeah and also also lame

1540
01:06:17,269 --> 01:06:23,429
some people also makes them want to eat

1541
01:06:20,909 --> 01:06:26,000
more hungry yeah so it's used in

1542
01:06:23,429 --> 01:06:28,829
late-stage AIDS isn't it Joe some cases

1543
01:06:26,000 --> 01:06:31,920
no more coming normal you don't need

1544
01:06:28,829 --> 01:06:34,380
that it's in full-blown AIDS some people

1545
01:06:31,920 --> 01:06:36,269
I wasn't aware describe tomorrow wanna

1546
01:06:34,380 --> 01:06:37,500
to increase their appetite Kenny in

1547
01:06:36,269 --> 01:06:40,079
Australia can you prescribe marijuana

1548
01:06:37,500 --> 01:06:41,699
legal I don't know yeah I think you I

1549
01:06:40,079 --> 01:06:44,219
thought you think we can better cool

1550
01:06:41,699 --> 01:06:46,649
medical marijuana do you suppose I did

1551
01:06:44,219 --> 01:06:48,239
good I don't think you can either I know

1552
01:06:46,650 --> 01:06:53,579
in the Netherlands you can but not

1553
01:06:48,239 --> 01:06:54,979
industry what is it stronger it will get

1554
01:06:53,579 --> 01:06:57,000
it from the doctor you can't actually

1555
01:06:54,980 --> 01:06:58,650
necklace you can actually go to the farm

1556
01:06:57,000 --> 01:07:02,010
soon you get higher grade marijuana then

1557
01:06:58,650 --> 01:07:04,829
you can just buy can I just go back to

1558
01:07:02,010 --> 01:07:06,300
the year that article again I just

1559
01:07:04,829 --> 01:07:09,389
wanted to refer back something we spoke

1560
01:07:06,300 --> 01:07:11,550
about on a previous some think tank a

1561
01:07:09,389 --> 01:07:13,829
few weeks ago we were talking about I

1562
01:07:11,550 --> 01:07:16,500
think it was during the all-female think

1563
01:07:13,829 --> 01:07:19,679
tank we're talking about there's another

1564
01:07:16,500 --> 01:07:21,090
one is coming up by the way selectors we

1565
01:07:19,679 --> 01:07:23,339
were talking about medical training and

1566
01:07:21,090 --> 01:07:24,690
we're talking about critical thinking in

1567
01:07:23,340 --> 01:07:27,750
the different health care professions

1568

01:07:24,690 --> 01:07:31,619
and I thought that this this particular

1569
01:07:27,750 --> 01:07:34,889
article was just demonstrated that you

1570
01:07:31,619 --> 01:07:37,829
know it really is not a rule that

1571
01:07:34,889 --> 01:07:39,269
everyone who has particular training is

1572
01:07:37,829 --> 01:07:42,539
going to come out as a critical thinker

1573
01:07:39,269 --> 01:07:44,699
or with a scientific way of looking at

1574
01:07:42,539 --> 01:07:47,489
the world so you know clearly these

1575
01:07:44,699 --> 01:07:49,500
these medical students who went to this

1576
01:07:47,489 --> 01:07:53,939
university and were exposed to this

1577
01:07:49,500 --> 01:07:56,519
homeopathic training when if this was

1578
01:07:53,940 --> 01:07:59,639
how they came out of it they either were

1579
01:07:56,519 --> 01:08:02,940
really not given a good understanding of

1580
01:07:59,639 --> 01:08:04,349
what nonsense it is or whatever medical

1581
01:08:02,940 --> 01:08:05,789
training it is that they're having is

1582
01:08:04,349 --> 01:08:07,469

not equipping them with the crew

1583

01:08:05,789 --> 01:08:09,360

thinking skills to look at what they're

1584

01:08:07,469 --> 01:08:11,789

being taught because I find it quite

1585

01:08:09,360 --> 01:08:13,079

worrying that any any future doctor will

1586

01:08:11,789 --> 01:08:14,449

be coming out of their training thinking

1587

01:08:13,079 --> 01:08:16,079

that homeopathy something worth

1588

01:08:14,449 --> 01:08:19,729

incorporating into their medical

1589

01:08:16,079 --> 01:08:26,239

practice yeah yeah hurry with you um

1590

01:08:19,729 --> 01:08:28,949

well this was this was inspired by a

1591

01:08:26,239 --> 01:08:30,719

report on today tonight a few weeks ago

1592

01:08:28,949 --> 01:08:33,389

thank you today show night for your

1593

01:08:30,720 --> 01:08:35,990

wonderful wonderful science based

1594

01:08:33,390 --> 01:08:38,880

reporting hahahaha I feel really

1595

01:08:35,989 --> 01:08:40,588

inspired ah okay I'm looking after them

1596

01:08:38,880 --> 01:08:44,730

in case you guys again yeah I'm

1597
01:08:40,588 --> 01:08:46,588
concerned such a deputation i did a

1598
01:08:44,729 --> 01:08:49,489
report a few weeks ago if you are

1599
01:08:46,588 --> 01:08:53,068
unlucky enough to catch it all about

1600
01:08:49,489 --> 01:08:55,108
cancer and how we are all getting sicker

1601
01:08:53,069 --> 01:08:56,850
and sicker because of all the terrible

1602
01:08:55,109 --> 01:09:01,500
things in our environment making a

1603
01:08:56,850 --> 01:09:04,440
smoker can I talk song toxins and it was

1604
01:09:01,500 --> 01:09:06,838
a incredibly uncritical piece of

1605
01:09:04,439 --> 01:09:10,500
reporting which sort of cherry-pick bits

1606
01:09:06,838 --> 01:09:15,149
of bits of information without really

1607
01:09:10,500 --> 01:09:16,619
appeared to do much fact-checking and it

1608
01:09:15,149 --> 01:09:19,170
was actually really quite easy to source

1609
01:09:16,619 --> 01:09:22,559
the correct data but I thought it would

1610
01:09:19,170 --> 01:09:24,029
be quite useful in talking about giving

1611
01:09:22,560 --> 01:09:27,960
people ways to answer people's questions

1612
01:09:24,029 --> 01:09:31,170
about whoo and and yeah and you know

1613
01:09:27,960 --> 01:09:32,970
health facts and so on to point people

1614
01:09:31,170 --> 01:09:35,399
towards some of the really good websites

1615
01:09:32,970 --> 01:09:37,920
out there that they can access and one

1616
01:09:35,399 --> 01:09:40,349
of the organizations that most people

1617
01:09:37,920 --> 01:09:46,310
out there would no Australian certainly

1618
01:09:40,350 --> 01:09:46,310
is the cancer council website retreat is

1619
01:09:47,000 --> 01:09:50,000
www.castleconnolly.com

1620
01:09:52,810 --> 01:10:01,699
hold that thought SW w dot Cancer

1621
01:09:58,250 --> 01:10:03,760
Council it's not on here well if people

1622
01:10:01,698 --> 01:10:06,559
Google yep if you google Cancer Council

1623
01:10:03,760 --> 01:10:08,600
it'll come up typically this one's the

1624
01:10:06,560 --> 01:10:11,150
new south wales website and they've got

1625

01:10:08,600 --> 01:10:13,940
a fantastic section on cancer myths and

1626
01:10:11,149 --> 01:10:16,519
facts it's not a Victorian this one

1627
01:10:13,939 --> 01:10:18,250
specifically so much as well okay I

1628
01:10:16,520 --> 01:10:21,199
think they've all got their various

1629
01:10:18,250 --> 01:10:22,609
separate sites but specifically that

1630
01:10:21,198 --> 01:10:26,479
this one was on the new south wales site

1631
01:10:22,609 --> 01:10:28,039
and it can answer in quite great detail

1632
01:10:26,479 --> 01:10:30,468
questions about things such as food

1633
01:10:28,039 --> 01:10:33,380
preservatives and cancer formaldehyde in

1634
01:10:30,469 --> 01:10:36,100
cancer and a lot of the myths that where

1635
01:10:33,380 --> 01:10:38,960
we've all heard such as you know

1636
01:10:36,100 --> 01:10:41,050
deodorants and cancer I was looking at

1637
01:10:38,960 --> 01:10:44,960
this list early and I was most impressed

1638
01:10:41,050 --> 01:10:49,159
very cancer myths and facts and with it

1639
01:10:44,960 --> 01:10:50,840

okay this is the list of meth things

1640

01:10:49,158 --> 01:10:54,109
like air fresheners artificial

1641

01:10:50,840 --> 01:10:56,779
sweeteners Rajas bras is there anything

1642

01:10:54,109 --> 01:11:01,158
that doesn't cause well no no apparently

1643

01:10:56,779 --> 01:11:04,488
not breasts breasts injuries diesel

1644

01:11:01,158 --> 01:11:06,859
electric blankets what like these are

1645

01:11:04,488 --> 01:11:09,079
all things that people claim faked hands

1646

01:11:06,859 --> 01:11:12,109
fingers over this flu ride microwave

1647

01:11:09,079 --> 01:11:16,219
microwave ovens lipstick stick loose

1648

01:11:12,109 --> 01:11:19,880
hands are yes Obama's lipstick what if I

1649

01:11:16,219 --> 01:11:21,770
got nail polish super glue you shouldn't

1650

01:11:19,880 --> 01:11:23,840
make that in Richmond oh and my favorite

1651

01:11:21,770 --> 01:11:27,679
ones is the claim that surgery causes

1652

01:11:23,840 --> 01:11:29,420
cancer to spread throughout the body so

1653

01:11:27,679 --> 01:11:31,429
anyway I think that's a really great

1654
01:11:29,420 --> 01:11:33,710
site that if people wanted to as a new

1655
01:11:31,429 --> 01:11:34,908
comes i'm suffering find information for

1656
01:11:33,710 --> 01:11:37,609
yourself or to answer other people's

1657
01:11:34,908 --> 01:11:40,599
questions there you go thank you James

1658
01:11:37,609 --> 01:11:44,118
day well I think anybody has a

1659
01:11:40,600 --> 01:11:45,409
last-minute post to mention I just have

1660
01:11:44,118 --> 01:11:47,988
one thing you know we said it maybe

1661
01:11:45,408 --> 01:11:50,359
we'll give this little snippets about

1662
01:11:47,988 --> 01:11:53,658
how to answer it's not exactly in line

1663
01:11:50,359 --> 01:11:57,170
with that but a detection mechanism you

1664
01:11:53,658 --> 01:11:59,329
know how to detect wool I think this in

1665
01:11:57,170 --> 01:12:01,130
words that that appear you know if

1666
01:11:59,329 --> 01:12:03,779
you've natural you know the words that

1667
01:12:01,130 --> 01:12:07,199
have valid use outside of their own

1668
01:12:03,779 --> 01:12:10,159
of medicine or health but once you hear

1669
01:12:07,199 --> 01:12:13,460
it in turn in my in as part of

1670
01:12:10,159 --> 01:12:17,029
discussion about medicine or health

1671
01:12:13,460 --> 01:12:23,460
natural would be one yes energy yes

1672
01:12:17,029 --> 01:12:26,579
melons well be healing well-being what

1673
01:12:23,460 --> 01:12:28,439
other ones there's the words with a lot

1674
01:12:26,579 --> 01:12:31,949
of words with scientific meaning that

1675
01:12:28,439 --> 01:12:34,949
suddenly become when they when they're

1676
01:12:31,949 --> 01:12:37,649
used sometimes even scientific the word

1677
01:12:34,949 --> 01:12:41,309
scientific itself yeah actually I think

1678
01:12:37,649 --> 01:12:43,199
the scientifically and clinically

1679
01:12:41,310 --> 01:12:47,250
clinically proven clinically proven

1680
01:12:43,199 --> 01:12:49,769
because clinically um I can't be wrong

1681
01:12:47,250 --> 01:12:51,329
there is a phrase to look out for what a

1682

01:12:49,770 --> 01:12:53,840
hundred thousand people can't be wrong

1683
01:12:51,329 --> 01:12:58,680
yes demonios is addressed whales

1684
01:12:53,840 --> 01:13:00,390
anecdotes oh can I just evolved stuff

1685
01:12:58,680 --> 01:13:01,740
can I just mention too that we forgot to

1686
01:13:00,390 --> 01:13:04,560
tell our listeners that when we came to

1687
01:13:01,739 --> 01:13:06,269
the club tonight we found out that one

1688
01:13:04,560 --> 01:13:08,940
of our favorite psychics is performing

1689
01:13:06,270 --> 01:13:12,260
here tonight we're downstairs here and

1690
01:13:08,939 --> 01:13:14,669
upstairs the auditorium is SEO that's y

1691
01:13:12,260 --> 01:13:16,650
if I concentrate hard enough do you

1692
01:13:14,670 --> 01:13:18,239
think he'll he'll be able to maybe

1693
01:13:16,649 --> 01:13:21,629
you'll fall from the ceiling into them

1694
01:13:18,239 --> 01:13:22,979
maybe we might have Diane and myself and

1695
01:13:21,630 --> 01:13:25,350
Richard went to see him a few weeks ago

1696
01:13:22,979 --> 01:13:27,449

at the same actual same club and he has

1697

01:13:25,350 --> 01:13:29,340

a spirit guide by the name of Marcus yes

1698

01:13:27,449 --> 01:13:31,529

now wondering for interfere with

1699

01:13:29,340 --> 01:13:33,810

Marcus's energy tonight it is Marcus

1700

01:13:31,529 --> 01:13:37,349

isn't it yeah same as your husband's

1701

01:13:33,810 --> 01:13:38,670

name yes joy that is yes yes I wonder

1702

01:13:37,350 --> 01:13:42,630

how the shows going which it i don't

1703

01:13:38,670 --> 01:13:46,109

know he's been hi George oh I think

1704

01:13:42,630 --> 01:13:49,170

we'll be having words I'm just I'm just

1705

01:13:46,109 --> 01:13:51,299

thinking though we've got five skeptics

1706

01:13:49,170 --> 01:13:54,600

sitting here I think that our negative

1707

01:13:51,300 --> 01:13:56,369

energy probably is too but there is

1708

01:13:54,600 --> 01:14:00,840

something you need to know there's no

1709

01:13:56,369 --> 01:14:02,789

way we can make him worse nah he is

1710

01:14:00,840 --> 01:14:05,550

pretty bad on that psychic no I big

1711
01:14:02,789 --> 01:14:06,550
already Thank You Joanne Thank You Diane

1712
01:14:05,550 --> 01:14:08,529
thank you

1713
01:14:06,550 --> 01:14:10,860
thank you dr. H thank you cheers

1714
01:14:08,529 --> 01:14:10,859
everybody

1715
01:14:32,060 --> 01:14:38,070
so that's why you can't eat her I was

1716
01:14:36,180 --> 01:14:39,329
just talking to the students how they

1717
01:14:38,069 --> 01:14:42,238
look I'm supposed to tell you about

1718
01:14:39,329 --> 01:14:45,930
something the cosmic tea party I new

1719
01:14:42,238 --> 01:14:47,309
science podcast podcast hey who's it at

1720
01:14:45,930 --> 01:14:50,070
any rate it's about science and

1721
01:14:47,310 --> 01:14:53,400
mathematics sounds rather dull oh hang

1722
01:14:50,069 --> 01:14:55,019
on i open it it says here not done so

1723
01:14:53,399 --> 01:14:58,948
there you have it the cosmic tea party

1724
01:14:55,020 --> 01:15:01,910
podcast www cosmic tea party all or

1725
01:14:58,948 --> 01:15:01,909
search for them one I choose

1726
01:15:11,090 --> 01:15:16,489
Richard that was a very standard format

1727
01:15:14,510 --> 01:15:17,840
show but it was an excellent excellent

1728
01:15:16,489 --> 01:15:19,670
show which kind of proves that the

1729
01:15:17,840 --> 01:15:21,440
format's working I hope so and that's

1730
01:15:19,670 --> 01:15:22,940
what the survey the little survey we did

1731
01:15:21,439 --> 01:15:24,710
online people said they liked the format

1732
01:15:22,939 --> 01:15:26,689
very they liked the format and you know

1733
01:15:24,710 --> 01:15:29,239
why cuz it's got variety and it's got

1734
01:15:26,689 --> 01:15:31,669
interest yeah and it's got your fabulous

1735
01:15:29,239 --> 01:15:33,590
music Oh every now and then yes but also

1736
01:15:31,670 --> 01:15:35,930
must have been what great guests were

1737
01:15:33,590 --> 01:15:37,760
having on hero and and wasn't Joe

1738
01:15:35,930 --> 01:15:39,770
Nickell fascinating what a character I

1739

01:15:37,760 --> 01:15:42,199
could talk to him for hours and hours

1740
01:15:39,770 --> 01:15:44,930
and hours but don't worry next week our

1741
01:15:42,199 --> 01:15:47,149
special guest for in the interview spot

1742
01:15:44,930 --> 01:15:51,440
will be none other than Adam Savage from

1743
01:15:47,149 --> 01:15:53,869
the Mythbusters Oh a legend and a famous

1744
01:15:51,439 --> 01:15:55,460
person indeed Iran sir give from a grain

1745
01:15:53,869 --> 01:15:57,649
of salt caught up with Adam at the

1746
01:15:55,460 --> 01:15:58,970
amazing meeting and I can't wait to hear

1747
01:15:57,649 --> 01:16:01,099
the interview either right and he

1748
01:15:58,970 --> 01:16:06,380
actually let the skeptics and interview

1749
01:16:01,100 --> 01:16:08,030
him he did oh wow I know what's up

1750
01:16:06,380 --> 01:16:10,190
indictment that is but we're pretty

1751
01:16:08,029 --> 01:16:12,229
impressed we are so we can all look

1752
01:16:10,189 --> 01:16:14,329
forward to that interview next week on

1753
01:16:12,229 --> 01:16:15,889

show number 42 excellent so I guess

1754

01:16:14,329 --> 01:16:17,569

we'll just leave everyone to it

1755

01:16:15,890 --> 01:16:19,310

and thanks everyone for listening and

1756

01:16:17,569 --> 01:16:23,019

we'll catch up you the next week okay

1757

01:16:19,310 --> 01:16:23,020

then steph see you Richard bye

1758

01:16:24,529 --> 01:16:30,500

you mean listening to the skeptic zone

1759

01:16:26,779 --> 01:16:34,309

visit our website at [www scripting](http://www.scripting)

1760

01:16:30,500 --> 01:16:36,840

zoomtv for comments contacts and extra

1761

01:16:34,309 --> 01:16:40,520

video reports

1762

01:16:36,840 --> 01:16:40,520

I skin

1763

01:16:55,649 --> 01:16:57,710

you